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Surface Water Data
British Columbia

Données sur les eaux de surface
Colombie-Britannique

1990

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1991

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1990 calendar year, the results of the hydrometric survey investigations which were made in British Columbia by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 W. Pender Street,
Vancouver, British Columbia.
V6E 2M9
(604 666-3606)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1990, the hydrometric surveys in British Columbia were conducted by the Water Survey of Canada under agreement with the Province of British Columbia. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1990, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Colombie-Britannique.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502-1001, rue Pender ouest
Vancouver (Colombie-Britannique)
V6E 2M9
(604 666-3606)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1990, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Colombie-Britannique en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

In British Columbia, stream-measurement work was commenced in 1911 by the Railway Belt Hydrographic Survey of the Department of the Interior, primarily for irrigation-supply purposes under grants administered by the federal government. In 1913, administration of these grants passed to the control of the Province, but, by agreement with the Water Rights Branch, the hydrometric survey was continued by the Dominion Water Power Branch and extended to include the remainder of the Province.

Although the agreement signed in 1913 was terminated March 31, 1933, work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of British Columbia on March 14, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO—OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Provincial — British Columbia Hydro and Power Authority;
Ministry of Environment.

Private — Alcan Smelters and Chemicals Ltd;
West Kootenay Power.

C'est en 1911 que le *Railway Belt Hydrographic Survey* du ministère de l'Intérieur a entrepris, à des fins d'irrigation et d'approvisionnement en eau et grâce aux subventions administrées par le gouvernement fédéral, les premiers relevés dans cette province. En 1913, l'administration des subventions est devenue la responsabilité des autorités provinciales, mais, par un accord conclu avec la Direction des permis d'utilisation des eaux, la Direction fédérale de l'énergie hydraulique a assumé la responsabilité des observations hydrométriques et le champ des relevés s'est élargi pour englober toute la Colombie-Britannique.

L'accord de 1913 a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 14 mars 1975, le gouvernement de la Colombie-Britannique a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau provincial — Hydro-Colombie-Britannique,
Ministère de l'Environnement.

Secteur privé — Société d'électrolyse et de chimie Alcan Ltée,
West Kootenay Power.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classés dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given:

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE NEAR SQUILAX - STATION NO. 08LD003

DAILY WATER LEVEL IN METRES FOR 1990

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1.759	1.581	1.434	1.491	2.701	3.655	3.993	3.092	2.487	2.061E	1.786E	2.018	1
1.750	1.577	1.431	1.511E	2.714	3.686	3.972	3.070	2.516	2.038E	1.788E	2.007	2
1.745	1.569	1.429	1.539E	2.726	3.743	3.956	3.044	2.541	2.031E	1.789E	1.997	3
1.742	1.558	1.424	1.562E	2.745	3.783	3.950	3.024	2.543	2.006E	1.786E	1.987	4
1.732	1.546	1.419	1.580E	2.766	3.829	3.927	2.989	2.539	1.998E	1.788E	1.980	5
1.726	1.538	1.415	1.601E	2.817	3.850	3.904	2.952	2.515	1.979E	1.790E	1.970	6
1.717	1.534	1.415	1.623E	2.904	3.852	3.895	2.917	2.491	1.970E	1.792A	1.962	7
1.717	1.536	1.412	1.644E	2.967	3.856	3.889	2.904	2.463	1.962E	1.796	1.947	8
1.714	1.536	1.417	1.676E	2.989	3.856	3.876	2.893	2.438	1.943E	1.809	1.941	9
1.706	1.529	1.416	1.702E	3.016	3.856	3.851	2.861	2.419	1.934E	1.818	1.934	10
1.703	1.521	1.415	1.725E	3.038	3.890	3.824	2.835	2.392A	1.916E	1.825	1.923	11
1.697	1.526	1.419	1.746E	3.042	3.976	3.802	2.811	2.376E	1.898E	1.834	1.911	12
1.690	1.525	1.403	1.765E	3.048	4.082	3.789	2.793	2.368E	1.889E	1.870	1.903	13
1.681	1.515	1.402	1.804E	3.058	4.138	3.767	2.767	2.345E	1.881E	1.934	1.887	14
1.680	1.508	1.394	1.833E	3.058	4.152	3.738	2.749	2.323E	1.872E	1.978	1.872	15
1.675	1.500	1.403	1.881E	3.055	4.153	3.706	2.736	2.314E	1.868E	2.005	1.861	16
1.662	1.483	1.408	1.934E	3.053	4.145	3.675	2.710	2.292E	1.854E	2.017	1.861	17
1.657	1.476	1.405	1.985A	3.052	4.143	3.614	2.700	2.276E	1.843E	2.044	1.859	18
1.646	1.473	1.405	2.024	3.069	4.141	3.579	2.683	2.261E	1.834E	2.054	1.845	19
1.632	1.459	1.410	2.085	3.078	4.147	3.531	2.662	2.253E	1.824E	2.064	1.823	20
1.627	1.455	1.416	2.158	3.088	4.154	3.468	2.634	2.230E	1.819E	2.061	1.799	21
1.628	1.455	1.432	2.239	3.102	4.148	3.408	2.602	2.207E	1.815E	2.062	1.786	22
1.620	1.447	1.434	2.322	3.124	4.140	3.355	2.590	2.192E	1.804E	2.065	1.770	23
1.617	1.445	1.442	2.406	3.149	4.154	3.318	2.592	2.176E	1.801E	2.059	1.763	24
1.605	1.443	1.450	2.492	3.195	4.172	3.299	2.591	2.161E	1.795E	2.053	1.766	25
1.596	1.431	1.454	2.560	3.265	4.158	3.250	2.593	2.152A	1.788E	2.047	1.753	26
1.593	1.431	1.456	2.614	3.329	4.135	3.209	2.573	2.130E	1.786E	2.046	1.746	27
1.601	1.430	1.465	2.647	3.378	4.096	3.198	2.562	2.099E	1.785E	2.043	1.724	28
1.604		1.471	2.668	3.431	4.058	3.182	2.541	2.092E	1.784E	2.031	1.683	29
1.594		1.477	2.687	3.515	4.027	3.145	2.524	2.076E	1.787E	2.022	1.639	30
1.586		1.482		3.603		3.114	2.502		1.785E		1.620	31
1.668	1.501	1.428	1.983	3.067	4.006	3.619	2.758	2.322	1.882	1.935	1.856	MEAN
1.759	1.581	1.482	2.687	3.603	4.172	3.993	3.092	2.543	2.061	2.065	2.018	MAX
1.586	1.430	1.394	1.491	2.701	3.655	3.114	2.502	2.076	1.784	1.786	1.620	MIN

SUMMARY FOR THE YEAR 1990

LEVELS IN METRES

AN, 2.340
XIMUM DAILY, 4.172 ON JUN 25
NIMUM DAILY, 1.394 ON MAR 15
XIMUM INSTANTANEOUS,
4.183 AT 22:51 PST ON JUN 25

LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 14 N
LONG 119 40 25 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

ADAMS RIVER NEAR SQUILAX - STATION NO. 08LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
33.7	25.0	18.7	21.1	94.0	202	252	129	78.2	50.5E	35.1E	47.7	1
33.2	24.9	18.6	22.0E	95.0	206	248	127	80.3	49.0E	35.2E	47.0	2
33.0	24.0	18.6	23.2E	97.9	214	246	124	82.1	48.5E	35.2E	46.5	3
32.8	24.0	18.4	24.2E	97.3	220	245	122	82.3	47.0E	35.1E	45.9	4
32.3	23.5	18.2	25.0E	99.0	227	241	119	82.0	46.5E	35.2E	45.5	5
32.0	23.1	18.0	26.0E	103	230	238	116	80.2	45.5E	35.3E	45.0	6
31.6	22.9	18.0	27.0E	111	230	237	112	78.5	45.0E	35.4A	44.5	7
31.5	23.0	17.9	28.0E	117	231	236	111	76.7	44.5E	35.6	43.7	8
31.4	23.0	18.1	29.5E	119	231	234	110	75.0	43.5E	36.2	43.4	9
31.0	22.8	18.1	30.8E	122	231	230	107	73.8	43.0E	36.7	43.0	10
30.8	22.4	18.0	32.0E	124	236	226	105	72.0A	42.0E	37.1	42.3	11
30.5	22.6	18.2	33.0E	124	249	223	103	71.0E	41.0E	37.5	41.7	12
30.2	22.6	17.6	34.0E	125	266	221	101	70.5E	40.5E	39.4	41.2	13
29.7	22.1	17.6	36.0E	126	276	218	99.2	69.0E	40.0E	42.9	40.4	14
29.6	21.8	17.3	37.5E	126	278	213	97.7	67.5E	39.5E	45.4	39.5	15
29.4	21.5	17.6	40.0E	126	279	209	96.6	67.0E	39.3E	46.9	38.9	16
28.8	20.8	17.8	43.0E	125	277	204	94.7	65.5E	38.5E	47.6	38.9	17
28.6	20.5	17.7	45.8A	125	277	196	93.9	64.5E	38.0E	49.3	38.8	18
28.1	20.4	17.7	48.1	127	276	191	92.7	63.5E	37.5E	50.1	38.1	19
27.4	19.8	17.8	52.1	128	278	184	91.1	63.0E	37.0E	50.7	36.9	20
27.2	19.6	18.1	56.8	129	279	175	89.0	61.5E	36.8E	50.5	35.7	21
27.2	19.6	18.7	62.1	130	278	167	86.6	60.0E	36.5E	50.5	35.0	22
26.8	19.3	18.7	67.5	133	276	160	85.8	59.0E	36.0E	50.8	34.3	23
26.7	19.2	19.1	73.0	136	279	156	85.9	58.0E	35.8E	50.4	33.9	24
26.2	19.1	19.4	78.7	141	282	154	85.8	57.0E	35.5E	50.0	34.0	25
25.7	18.6	19.6	83.5	149	279	148	86.0	56.4A	35.2E	49.6	33.4	26
25.6	18.6	19.7	87.5	157	275	143	84.5	55.0E	35.1E	49.5	33.0	27
26.0	18.6	20.0	90.0	163	269	141	83.7	53.0E	35.0E	49.3	31.9	28
26.1		20.3	91.6	170	262	139	82.1	52.5E	35.0E	48.5	29.8	29
25.6		20.6	93.0	182	257	135	80.9	51.5E	35.1E	47.9	27.8	30
25.3		20.7		194		132	79.3		35.0E		26.8	31
904.0	603.3	574.8	1 442.0	3 993.2	7 650	6 142	3 081.5	2 026.5	1 247.3	1 298.9	1 204.5	TOTAL
29.2	21.5	18.5	48.1	129	255	198	99.4	67.6	40.2	43.3	38.9	MEAN
33.7	25.0	20.7	93.0	194	282	252	129	82.3	50.5	50.8	47.7	MAX
25.3	18.6	17.3	21.1	94.0	202	132	79.3	51.5	35.0	35.1	26.8	MIN

SUMMARY FOR THE YEAR 1990

HARGES IN CUBIC METRES PER SECOND

EAN, 82.7
AXIMUM DAILY, 282 ON JUN 25
INIMUM DAILY, 17.3 ON MAR 15
AXIMUM INSTANTANEOUS,
284 AT 22:51 PST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 18 N
LONG 119 39 16 W
DRAINAGE AREA, 3 080 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 100	JUL	531 000
FEB	52 100	AUG	266 000
MAR	49 700	SEP	175 000
APR	125 000	OCT	108 000
MAY	345 000	NOV	112 000
JUN	661 000	DEC	104 000

TOTAL DISCHARGE, 2 610 000 dam³

ADSETT CREEK AT KILOMETRE 386.0 ALASKA HIGHWAY - STATION NO. 10CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.032B	0 B	0.065B	0.192B	4.68	7.00	3.04	0.142	0.212	0.237B	0.012B	0.006B	1
2	0.012B	0 B	0.063B	0.180B	5.10	5.45	3.43	0.138	0.195	0.211B	0.008B	0.006B	2
3	0.003B	0 B	0.074B	0.180B	4.78	4.22	3.15	0.132	0.208	0.175B	0.009B	0.006B	3
4	0 B	0 B	0.083B	0.185B	4.56	3.39	2.53	0.124	0.210	0.140B	0.010B	0.006B	4
5	0 B	0.001B	0.100B	0.200B	4.45	2.86	4.28	0.115	0.222	0.101B	0.011B	0.008B	5
6	0 B	0.002B	0.110B	0.207B	4.47	2.88	3.05	0.104	0.231	0.071B	0.013B	0.009B	6
7	0 B	0.003B	0.106B	0.200B	4.23	2.75	2.28	0.097	0.235	0.060B	0.010B	0.015B	7
8	0 B	0.003B	0.095B	0.183B	4.52	2.97	1.82	0.093	0.228	0.058B	0.009B	0.014B	8
9	0.002B	0.004B	0.089B	0.190B	4.17	2.75	1.54	0.085	0.224	0.057B	0.008B	0.012B	9
10	0.002B	0.005B	0.088B	0.197B	3.54	2.34	1.23	0.082	0.242	0.048B	0.009B	0.009B	10
11	0.004B	0.003B	0.092B	0.215B	3.25	2.03	0.935	0.077	0.242	0.039B	0.008B	0.006B	11
12	0.009B	0.001B	0.104B	0.230B	2.78	1.72	0.742	0.075	0.241	0.036B	0.010B	0.007B	12
13	0.014B	0.002B	0.132B	0.230B	2.50	1.46	0.697	0.074	0.260	0.028B	0.014B	0.005B	13
14	0.020B	0.004B	0.150B	0.255B	2.31	1.27	0.591	0.072	0.261	0.020B	0.019B	0.007B	14
15	0.021B	0.003B	0.155B	0.295B	2.28	1.09	0.515	0.073	0.268	0.014B	0.025B	0.008B	15
16	0.022B	0.002B	0.145B	0.340B	2.12	0.994	0.709	0.076	0.277	0.012B	0.022B	0.007B	16
17	0.017B	0.008B	0.132B	0.385B	2.13	0.880	0.648	0.078	0.269	0.015B	0.018B	0.006B	17
18	0.011B	0.022B	0.118B	0.455B	2.11	0.789	0.604	0.080	0.271	0.015B	0.017B	0.005B	18
19	0.012B	0.040B	0.108B	0.500B	2.40	0.704	0.484	0.076	0.282	0.016B	0.015B	0.005B	19
20	0.017B	0.034B	0.100B	0.515B	2.68	0.598	0.413	0.074	0.297	0.018B	0.010B	0.004B	20
21	0.016B	0.027B	0.098B	0.510B	2.34	0.515	0.352	0.073	0.296	0.021B	0.005B	0.003B	21
22	0.015B	0.025B	0.103B	0.500B	2.15	0.468	0.290	0.088	0.304	0.023B	0.005B	0.002B	22
23	0.009B	0.024B	0.115B	0.485B	1.97	0.840	0.292	0.237	0.300	0.031B	0.005B	0.003B	23
24	0.005B	0.045B	0.128B	0.480B	1.76	0.675	0.293	0.219	0.300	0.041B	0.005B	0.008B	24
25	0.001B	0.057B	0.143B	0.490B	1.54	0.532	0.281	0.183	0.301	0.030B	0.015B	0.009B	25
26	0 B	0.066B	0.160B	0.530B	2.89	0.508	0.255	0.165	0.296	0.023B	0.016B	0.008B	26
27	0 B	0.074B	0.180B	0.650B	3.02	2.06	0.220	0.155	0.308	0.018B	0.015B	0.007B	27
28	0 B	0.080B	0.204B	1.00 B	2.67	2.63	0.193	0.152	0.332	0.011B	0.010B	0.003B	28
29	0 B		0.214B	1.50 B	2.31	2.09	0.159	0.159	0.322	0.012B	0.009B	0.004B	29
30	0 B		0.213B	3.46	2.18	2.63	0.143	0.191	0.275B	0.013B	0.007B	0.005B	30
31	0 B		0.206B		2.74		0.132	0.223		0.012B		0.006B	31
TOTAL	0.244	0.535	3.873	14.939	94.71	61.093	35.298	3.712	7.899	1.606	0.349	0.209	TOTAL
MEAN	0.008	0.019	0.125	0.498	3.06	2.04	1.14	0.120	0.263	0.052	0.012	0.007	MEAN
MAX	0.032	0.080	0.214	3.46	5.10	7.00	4.28	0.237	0.332	0.237	0.025	0.015	MAX
MIN	0	0	0.063	0.180	1.54	0.468	0.132	0.072	0.195	0.011	0.005	0.002	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 0.615
MAXIMUM DAILY, 7.00 ON JUN 01
MINIMUM DAILY, 0B ON JAN 04
MAXIMUM INSTANTANEOUS,
7.43 AT 03:51 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 06 22 N
LONG 122 42 56 W
DRAINAGE AREA, 109 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21.1	JUL	3 050
FEB	46.2	AUG	321
MAR	335	SEP	682
APR	1 290	OCT	139
MAY	8 180	NOV	30.1
JUN	5 280	DEC	18.0

TOTAL DISCHARGE, 19 400 dam³

AIREY CREEK NEAR NELSON - STATION NO. 08NJ106

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.026	0.033	0.025	0.028	0.026	---	---	---	1
2	---	---	---	---	0.027	0.032	0.025	0.028	0.026	---	---	---	2
3	---	---	---	---	0.027	0.029	0.026	0.028	0.025	---	---	---	3
4	---	---	---	---	0.026	0.028	0.026	0.027	0.025	---	---	---	4
5	---	---	---	---	0.026	0.028	0.026	0.027	0.025	---	---	---	5
6	---	---	---	---	0.025	0.027	0.027	0.027	0.025	---	---	---	6
7	---	---	---	---	0.025	0.027	0.027	0.027	0.024	---	---	---	7
8	---	---	---	---	0.025	0.027	0.027	0.027	0.024	---	---	---	8
9	---	---	---	---	0.025	0.027	0.027	0.027	0.024	---	---	---	9
10	---	---	---	---	0.025	0.029	0.027	0.027	0.024	---	---	---	10
11	---	---	---	---	0.025	0.030	0.026	0.027	0.024	---	---	---	11
12	---	---	---	---	0.025	0.036	0.026	0.027	0.024	---	---	---	12
13	---	---	---	---	0.024	0.035	0.026	0.027	0.024	---	---	---	13
14	---	---	---	---	0.024	0.033	0.026	0.027	0.024	---	---	---	14
15	---	---	---	---	0.024	0.032	0.026	0.027	0.024	---	---	---	15
16	---	---	---	---	0.023	0.031	0.026	0.027	0.024	---	---	---	16
17	---	---	---	0.030	0.023	0.030	0.026	0.027	0.024	---	---	---	17
18	---	---	---	0.028	0.023	0.029	0.026	0.026	0.024	---	---	---	18
19	---	---	---	0.029	0.024	0.029	0.026	0.026	0.023	---	---	---	19
20	---	---	---	0.029	0.023	0.028	0.026	0.026	0.023	---	---	---	20
21	---	---	---	0.028	0.023	0.027	0.026	0.026	0.023	---	---	---	21
22	---	---	---	0.031	0.023	0.027	0.027	0.026	0.023	---	---	---	22
23	---	---	---	0.031	0.023	0.026	0.027	0.026	0.026	---	---	---	23
24	---	---	---	0.029	0.023	0.026	0.028	0.026	0.026	---	---	---	24
25	---	---	---	0.028	0.024	0.026	0.028	0.026	0.026	---	---	---	25
26	---	---	---	0.027	0.023	0.025	0.028	0.026	0.026	---	---	---	26
27	---	---	---	0.027	0.023	0.025	0.028	0.026	0.025	---	---	---	27
28	---	---	---	0.027	0.023	0.025	0.028	0.026	0.025	---	---	---	28
29	---	---	---	0.026	0.023	0.025	0.028	0.026	0.022	---	---	---	29
30	---		---	0.026	0.025	0.025	0.028	0.026	0.022	---	---	---	30
31	---		---		0.026		0.028	0.026		---		---	31
TOTAL	---	---	---	---	0.753	0.857	0.827	0.826	0.730	---	---	---	TOTAL
MEAN	---	---	---	---	0.024	0.029	0.027	0.027	0.024	---	---	---	MEAN
MAX	---	---	---	---	0.027	0.036	0.028	0.028	0.026	---	---	---	MAX
MIN	---	---	---	---	0.022	0.025	0.025	0.026	0.022	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 33 N
LONG 117 12 29 W
DRAINAGE AREA, 2.78 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	71.5
FEB	---	AUG	71.4
MAR	---	SEP	63.1
APR	---	OCT	---
MAY	65.1	NOV	---
JUN	74.0	DEC	---

AKIE RIVER NEAR THE 760 M CONTOUR - STATION NO. 07EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

AY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
	8.15B	3.72B	3.90B	5.50B	16.0	450 E	133 E	45.3A	43.3	10.9	5.58	3.73B	1
	7.50B	3.75B	3.97B	5.70B	17.6	308 E	141 E	41.3	39.5	10.5	4.85B	3.69B	2
	7.05B	3.80B	4.01B	5.85B	19.2	199 E	125 E	38.2	34.7	10.2	4.78B	3.70B	3
	7.02B	3.92B	4.10B	5.95B	21.1	196 E	108 E	37.4	30.4	9.84	4.88B	3.85B	4
	7.00B	3.87B	4.18B	6.05B	24.6	206 E	96.7E	41.1	28.0	9.71	5.10B	4.10B	5
	7.00B	3.78B	4.23B	6.17B	46.2A	214 E	88.1E	45.2	26.1	8.80	5.35B	4.75B	6
	6.80B	3.73B	4.27B	6.22B	44.2A	202 E	90.1E	42.4	26.8	9.07	5.41B	4.92B	7
	6.50B	3.72B	4.32B	6.30B	38.5A	193 E	95.7E	37.4	27.6	9.24	5.37B	4.90B	8
	6.10B	3.75B	4.37B	6.40B	35.9A	177 E	96.7E	36.8	24.0	9.83	5.20B	4.78B	9
	5.75B	3.83B	4.39B	6.50B	38.9A	173 E	96.8E	38.7	22.0	9.49	5.02B	4.55B	10
	5.62B	3.85B	4.44B	6.65B	40.6A	175 E	97.1E	42.5	22.8	7.71	4.84B	4.42B	11
	5.58B	3.72B	4.51B	6.90B	40.8A	150 E	92.3E	44.4	22.5	8.26	4.60B	4.37B	12
	5.55B	3.59B	4.55B	7.10B	39.9A	141 E	87.1E	45.5	20.1	8.46	4.42B	4.27B	13
	5.52B	3.55B	4.59B	7.20B	40.1A	144 E	79.1E	43.3	19.8	7.90	4.22B	4.20B	14
	5.45B	3.50B	4.60B	7.42B	44.3A	167 E	73.3E	38.7	21.3	6.68	4.17B	4.17B	15
	5.30B	3.35B	4.62B	7.50B	48.6A	157 E	75.8E	35.1	22.8	6.39	4.21B	4.05B	16
	5.01B	3.27B	4.80B	7.60B	56.2A	136 E	84.7E	35.6	20.5	6.25B	4.38B	3.98B	17
	4.92B	3.27B	4.99B	7.75B	65.6A	125 E	77.3E	36.6	17.9	6.35B	4.80B	3.83B	18
	4.80B	3.29B	5.01B	7.90B	73.6A	114 E	73.5E	35.0	16.9	6.50B	5.30B	3.68B	19
	4.75B	3.43B	5.02B	8.10B	76.9A	107 E	66.2E	37.7	15.3	6.50B	5.55B	3.52B	20
	4.72B	3.61B	4.99B	8.40B	85.3A	103 E	56.5E	37.3	14.0	6.47B	5.45B	3.45B	21
	4.70B	3.77B	4.83B	9.20B	101 A	106 E	52.3E	39.8	14.9	6.50B	5.15B	3.40B	22
	4.75B	3.84B	4.66B	10.6 B	125 A	120 E	58.2E	36.4	18.4	6.73	4.98B	3.43B	23
	4.80B	3.85B	4.59B	11.7 B	110 A	106 E	59.2E	29.2	20.7	8.23	4.82B	3.45B	24
	4.83B	3.85B	4.47B	12.1 B	101 A	92.4E	52.2E	26.2	17.7	7.43	4.75B	3.43B	25
	4.81B	3.82B	4.43B	12.0 B	96.5A	90.9E	48.8E	24.9	14.4	6.58	4.65B	3.40B	26
	4.76B	3.80B	4.41B	12.1 B	139 A	94.3E	47.9E	22.7	12.7	7.00B	4.55B	3.32B	27
	4.55B	3.81B	4.45B	12.1 B	181 A	92.3E	47.1E	23.0	12.1	7.02B	4.38B	3.27B	28
	4.05B		4.57B	12.3 B	214 E	85.2E	47.6E	26.3	12.0	6.75	4.20B	3.23B	29
	3.85B		4.85B	13.9	193 A	84.2E	48.2E	39.3	11.4	6.68	3.95B	3.21B	30
	3.75B		5.10B		243 E		47.5E	36.1		6.63		3.22B	31
TAL	170.94	103.12	140.21	249.24	2 417.6	4 714.3	2 439.1	1 139.4	650.6	244.60	144.91	120.27	TOTAL
AN	5.51	3.68	4.52	8.31	78.0	157	78.7	36.8	21.7	7.89	4.83	3.88	MEAN
X	8.15	3.92	5.10	13.9	243	450	141	45.5	43.3	10.9	5.58	4.92	MAX
N	3.75	3.27	3.90	5.50	16.0	84.2	47.1	22.7	11.4	6.25	3.95	3.21	MIN

SUMMARY FOR THE YEAR 1990

SCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.3
MAXIMUM DAILY, 450E ON JUN 01
MINIMUM DAILY, 3.21B ON DEC 30
MAXIMUM INSTANTANEOUS,
534 AT 12:00 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 28 N
LONG 124 53 56 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 800	JUL	211 000
FEB	8 910	AUG	98 400
MAR	12 100	SEP	56 200
APR	21 500	OCT	21 100
MAY	209 000	NOV	12 500
JUN	407 000	DEC	10 400

TOTAL DISCHARGE, 1 080 000 dam³

ALBERT RIVER AT 1310 M CONTOUR - STATION NO. 08NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

AY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
	0.394E	0.085E	0.056	0.049	0.825	10.7	10.9	2.44	0.882	0.375	0.409	0.452	1
	0.383E	0.094E	0.057	0.051	0.811	7.92	9.16	2.23	0.837	0.340	0.389	0.439	2
	0.369E	0.106E	0.056	0.058	0.799	6.71	10.6	1.96	0.801	0.326	0.374	0.409	3
	0.361E	0.117E	0.055	0.066	0.803	7.58	7.60	1.83	0.805	0.904	0.377	0.408	4
	0.355E	0.123E	0.056	0.082	1.15	6.93	6.95	1.85	0.781	1.48	0.370	0.390	5
	0.347E	0.118E	0.058	0.094	3.03	5.42	7.55	1.99	0.760	0.638	0.349	0.396	6
	0.342E	0.110E	0.057	0.111	3.15	4.77	8.39	2.00	0.739	0.564	0.334	0.394	7
	0.340E	0.107E	0.058	0.113	2.65	4.52	8.09	1.78	0.720	0.564	0.348	0.381	8
	0.335E	0.107E	0.058	0.122	2.24	4.54	7.94	1.65	0.693	0.553	0.339	0.380	9
	0.320E	0.109E	0.057	0.135	1.96	7.88	7.77	1.59	0.676	0.558	0.335	0.349	10
	0.270E	0.113E	0.057	0.147	1.82	9.73	7.66	1.52	0.661	0.556	0.343	0.335	11
	0.265E	0.104E	0.057	0.149	1.74	7.36	8.14	1.49	0.623	0.539	0.339	0.349	12
	0.294E	0.084E	0.056	0.150	1.69	5.93	8.28	1.40	0.622	0.535	0.379	0.337	13
	0.299E	0.069E	0.055	0.152	1.65	5.35	7.29	1.44	0.577	0.528	0.417	0.321	14
	0.294E	0.056E	0.053	0.161	1.62	5.80	6.12	1.37	0.561	0.491	0.448	0.322	15
	0.280E	0.057E	0.052	0.166	1.55	6.92	5.39	1.30	0.544	0.481	0.458	0.311	16
	0.264E	0.060E	0.051	0.182	1.60	8.58	4.58	1.23	0.548	0.521A	0.466	0.287	17
	0.239E	0.066E	0.047	0.204	1.62	9.13	3.80	1.15	0.526	0.504	0.467	0.279	18
	0.214E	0.068E	0.049	0.237	1.63	8.45	3.45	1.15	0.518	0.496	0.474	0.282	19
	0.174E	0.067A	0.049	0.273	1.70	8.96	3.18	1.07	0.510	0.478	0.486	0.279	20
	0.180E	0.058	0.048	0.319	1.96	9.72	2.92	1.08	0.491	0.471	0.459	0.282	21
	0.184E	0.057	0.047	0.391	2.10	11.4	2.98	1.12	0.471	0.473	0.447	0.272	22
	0.172E	0.057	0.048	0.455	2.42	13.7	3.01	1.08	0.472	0.456	0.481	0.260	23
	0.160E	0.055	0.045	0.545	4.00	14.7	3.08	1.06	0.450	0.441	0.512	0.243	24
	0.144A	0.056	0.046	0.677	7.32	14.7	3.22	1.01	0.436	0.428	0.461	0.228	25
	0.135	0.060	0.047	0.756	7.29	13.4	3.15	1.00	0.420	0.435	0.469	0.208	26
	0.129	0.059	0.047	0.803	6.88	11.8	2.90	0.999	0.415	0.419	0.463	0.198	27
	0.128	0.057	0.045	0.827	7.45	9.93	2.81	0.946	0.401	0.409	0.446	0.199	28
	0.128		0.043	0.827	9.56	9.46	2.54	0.884	0.380	0.398	0.438	0.185	29
	0.125A		0.045	0.831	15.2	11.4	2.55	0.925	0.392	0.417	0.445	0.178	30
	0.112E		0.047		13.9		2.57	0.900		0.416		0.155	31
TAL	7.736	2.281	1.602	9.133	112.118	263.39	174.57	43.444	17.712	16.194	12.522	9.508	TOTAL
AN	0.250	0.082	0.052	0.304	3.62	8.78	5.63	1.40	0.590	0.522	0.417	0.307	MEAN
X	0.394	0.123	0.058	0.831	15.2	14.7	10.9	2.44	0.882	1.48	0.512	0.452	MAX
N	0.112	0.055	0.043	0.049	0.799	4.52	2.54	0.884	0.380	0.326	0.334	0.155	MIN

SUMMARY FOR THE YEAR 1990

SCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 15.2 ON MAY 30
MINIMUM DAILY, 0.043 ON MAR 29
MAXIMUM INSTANTANEOUS,
16.7 AT 20:47 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 35 N
LONG 115 31 48 W
DRAINAGE AREA, 69.7 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	668	JUL	15 100
FEB	197	AUG	3 750
MAR	138	SEP	1 530
APR	789	OCT	1 400
MAY	9 690	NOV	1 080
JUN	22 800	DEC	821

TOTAL DISCHARGE, 58 000 dam³

ALCES RIVER AT 22ND BASE LINE - STATION NO. 07FD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.042B	0.022B	0.016B	0.052B	3.99	10.9	0.315	0.001	0.001	0	0.007B	0.015B	1
2	0.041B	0.022B	0.017B	0.120B	4.13	9.00	0.286	0.001	0.001	0	0.007B	0.016B	2
3	0.041B	0.022B	0.017B	0.230B	3.80	7.17	0.432	0.001	0.001	0	0.007B	0.016B	3
4	0.040B	0.022B	0.017B	0.420B	3.68	6.04	0.233	0.001	0.001	0	0.008B	0.016B	4
5	0.041B	0.022B	0.017B	0.840B	3.54	5.20	0.145	0.001	0.001	0	0.008B	0.017B	5
6	0.041B	0.023B	0.017B	1.39 B	3.51	5.81	0.316	0.001	0.001	0	0.008B	0.017B	6
7	0.040B	0.022B	0.017B	2.00 B	3.30	6.13	0.060	0.001	0.001	0	0.009B	0.017B	7
8	0.040B	0.022B	0.016B	1.40	3.20	4.95	0.023	0.001	0.001	0	0.009B	0.017B	8
9	0.040B	0.022B	0.016B	0.650	3.05	4.11	0.003	0.001	0	0	0.010B	0.016B	9
10	0.040B	0.022B	0.017B	0.272	2.85	3.45	0.002	0.001	0	0.001B	0.012B	0.016B	10
11	0.039B	0.021B	0.017B	0.197	2.77	7.31	0.027	0.001	0	0.001B	0.014B	0.015B	11
12	0.039B	0.021B	0.018B	0.205	2.65	24.0	0.027	0.001	0	0.001B	0.018B	0.015B	12
13	0.038B	0.020B	0.018B	0.238	2.50	15.3	0.814	0.001	0	0.001B	0.020B	0.015B	13
14	0.038B	0.020B	0.018B	0.671	2.29	8.92	0.301	0.001	0	0.001B	0.020B	0.014B	14
15	0.037B	0.019B	0.019B	1.11	2.11	6.40	0.067	0.001	0	0.001B	0.020B	0.014B	15
16	0.037B	0.018B	0.019B	0.648	1.92	4.99	0.262	0.001	0	0.002B	0.019B	0.014B	16
17	0.038B	0.017B	0.020B	0.751	1.78	3.83	1.56	0.001	0	0.002B	0.019B	0.014B	17
18	0.038B	0.016B	0.020B	0.928	1.63	3.02	1.15	0.001	0	0.002B	0.018B	0.014B	18
19	0.038B	0.015B	0.020B	1.08	1.74	2.52	1.05	0.001	0	0.002E	0.018B	0.013B	19
20	0.038B	0.015B	0.020B	1.18	1.72	2.03	0.795	0.001	0	0.002B	0.017B	0.013B	20
21	0.037B	0.014B	0.021B	1.32	1.79	1.72	0.565	0.001	0	0.002B	0.017B	0.013B	21
22	0.035B	0.014B	0.021B	1.18	1.94	1.31	0.408	0.001	0	0.002B	0.017B	0.012B	22
23	0.033B	0.015B	0.021B	1.50	1.50	1.26	0.263	0.001	0	0.003B	0.017B	0.012B	23
24	0.032B	0.015B	0.022B	1.56	1.41	1.05	0.131	0.001	0	0.003B	0.016B	0.012B	24
25	0.031B	0.015B	0.023B	3.72	1.96	0.708	0.084	0.001	0	0.003B	0.016B	0.012B	25
26	0.029B	0.015B	0.024B	3.88	6.55	0.540	0.043	0.001	0	0.004B	0.016B	0.012B	26
27	0.028B	0.015B	0.025B	3.12	7.60	0.341	0.003	0.001	0	0.004B	0.016B	0.012B	27
28	0.027B	0.015B	0.026B	2.32	6.87	0.463	0.003	0.001	0	0.005B	0.016B	0.011B	28
29	0.026B		0.028B	2.01	5.69	0.335	0.001	0.001	0	0.006B	0.015B	0.011B	29
30	0.025B		0.033B	2.75	6.33	0.316	0.001	0.001	0	0.007B	0.015B	0.011B	30
31	0.023B		0.040B		8.89		0.001	0.001		0.007B		0.011B	31
TOTAL	1.112	0.521	0.640	37.412	106.39	149.323	9.371	0.031	0.008	0.062	0.429	0.433	TOTAL
MEAN	0.036	0.019	0.021	1.25	3.43	4.98	0.302	0.001	0	0.002	0.014	0.014	MEAN
MAX	0.042	0.023	0.040	3.88	8.89	24.0	1.56	0.001	0.001	0.007	0.020	0.017	MAX
MIN	0.023	0.014	0.016	0.052	1.41	0.316	0.001	0.001	0	0	0.007	0.011	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.838
MAXIMUM DAILY, 24.0 ON JUN 12
MINIMUM DAILY, 0 ON SEP 09
MAXIMUM INSTANTANEOUS,
27.3 AT 12:56 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 20 01 N
LONG 120 09 17 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96.1	JUL	810
FEB	45.0	AUG	2.68
MAR	55.3	SEP	0.691
APR	3 230	OCT	5.36
MAY	9 190	NOV	37.1
JUN	12 900	DEC	37.4

TOTAL DISCHARGE, 26 400 dam³

ALIX CREEK ABOVE ALIX LAKES - STATION NO. 08KE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.105E	0.058	0.030	0.070E	0.009E	0.004E	0.003E	---	---	1
2	---	---	---	0.105E	0.070	0.032	0.057	0.008	0.003E	0.003E	---	---	2
3	---	---	---	0.115E	0.036	0.029	0.069E	0.008E	0.003	0.003E	---	---	3
4	---	---	---	0.120E	0.029	0.028E	0.081	0.008	0.003E	0.003E	---	---	4
5	---	---	---	0.130E	0.028	0.024	0.094E	0.008E	0.002E	0.004E	---	---	5
6	---	---	---	0.127	0.021	0.022	0.106	0.007E	0.002	0.004E	---	---	6
7	---	---	---	0.122	0.023	0.021	0.110E	0.007	0.001E	0.004E	---	---	7
8	---	---	---	0.115	0.022	0.019	0.113	0.007E	0	0.004	---	---	8
9	---	---	---	0.112	0.023	0.030	0.094	0.006E	0 E	0.003E	---	---	9
10	---	---	---	0.108	0.026	0.037	0.067	0.006	0 E	0.003E	---	---	10
11	---	---	---	0.103	0.029	0.045	0.061E	0.006E	0 E	0.003E	---	---	11
12	---	---	---	0.097	0.024E	0.270E	0.054E	0.005	0 E	0.003E	---	---	12
13	---	---	---	0.096	0.019	0.820E	0.048	0.005E	0 E	0.002	---	---	13
14	---	---	---	0.096	0.018	1.10 E	0.038E	0.005E	0 E	0.002E	---	---	14
15	---	---	---	0.094	0.018	0.820E	0.029	0.005	0	0.003E	---	---	15
16	---	---	---	0.085	0.018	0.560E	0.027E	0.005E	0.001E	0.004E	---	---	16
17	---	---	---	0.094	0.024	0.365E	0.025E	0.005E	0.002E	0.005E	---	---	17
18	---	---	---	0.105	0.021E	0.290E	0.022	0.005	0.002E	0.006E	---	---	18
19	---	---	---	0.107	0.018	0.214	0.020E	0.005E	0.002E	0.007E	---	---	19
20	---	---	---	0.112	0.018	0.185	0.018E	0.004E	0.002E	0.008	---	---	20
21	---	---	---	0.098	0.020	0.180	0.015	0.004E	0.002E	0.008E	---	---	21
22	---	---	---	0.094	0.023	0.158	0.014E	0.004	0.002E	0.008E	0.026	---	22
23	---	---	---	0.068	0.036	0.128	0.015E	0.004E	0.002E	0.009E	---	---	23
24	---	---	---	0.058	0.033	0.125E	0.017	0.003E	0.002E	0.009E	---	---	24
25	---	---	---	0.058	0.031	0.122	0.016E	0.003	0.003	0.009E	---	---	25
26	---	---	---	0.064	0.028	0.116	0.015	0.003E	0.003	0.009E	---	---	26
27	---	---	---	0.068	0.027E	0.109	0.014E	0.003E	0.003E	0.008E	---	---	27
28	---	---	---	0.084	0.026	0.103	0.013E	0.003	0.003E	0.008E	---	---	28
29	---	---	---	0.064	0.026	0.095	0.012	0.003E	0.003E	0.008E	---	---	29
30	---		---	0.055	0.026	0.083	0.011E	0.004E	0.003E	0.008	---	---	30
31	---		---		0.026		0.010	0.004		0.008E		---	31
TOTAL	---	---	---	2.859	0.845	6.160	1.355	0.162	0.053	0.169	---	---	TOTAL
MEAN	---	---	---	0.095	0.027	0.205	0.044	0.005	0.002	0.006	---	---	MEAN
MAX	---	---	---	0.130	0.070	1.10	0.113	0.009	0.004	0.009	---	---	MAX
MIN	---	---	---	0.055	0.018	0.019	0.010	0.003	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.10E ON JUN 14
MINIMUM DAILY, 0 ON SEP 08

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 13 N
LONG 122 24 20 W
DRAINAGE AREA, 37.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	117
FEB	---	AUG	14.0
MAR	---	SEP	4.58
APR	247	OCT	14.6
MAY	73.0	NOV	---
JUN	532	DEC	---

ALOUETTE LAKE FOREBAY - STATION NO. 08MH148

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118.221A	118.385	117.051	116.120	118.280	120.927	121.975	122.365	122.449	121.304	119.334	122.397	1
2	118.149A	118.326	116.953	116.078	118.356	121.028	122.021	122.371	122.351	121.191	119.170	122.108	2
3	118.063A	118.514	116.857	116.029	118.435	121.278	122.114	122.378	122.240	121.083	119.108	121.955	3
4	118.030A	118.588	116.772	115.995	118.544	121.652	122.175	122.388	122.136	121.763	119.075	122.636	4
5	118.124A	118.606	116.700	116.033	118.693	121.844	122.223	122.394	122.135	122.279	119.049	122.728	5
6	118.505A	118.592	116.714	116.093	118.856	121.973	122.300	122.397	122.148	122.159	118.993	122.473	6
7	118.922A	118.537	116.908	116.168	118.960	122.171	122.412	122.405	122.156	121.946	119.004	122.158	7
8	119.104A	118.446	117.122	116.254	119.026	122.288	122.487	122.409	122.160	121.702	119.113	121.981	8
9	119.220A	118.368	117.133	116.298	119.087	122.297	122.539	122.411	122.170	121.506	119.840	121.988	9
10	119.364A	118.594	117.163	116.313	119.146	122.349	122.584	122.418	122.176	121.536	121.267	121.887	10
11	119.348A	119.300	117.131	116.338	119.227	122.475	122.626	122.424	122.177	121.386	123.287	121.691	11
12	119.275A	119.556	117.034	116.398	119.317	122.532	122.662	122.428	122.191	121.256	123.669	121.466	12
13	119.226	119.465	116.917	116.449	119.407	122.514	122.684	122.428	122.187	121.187	124.071	121.259	13
14	119.225	119.296	116.812	116.486	119.494	122.466	122.605	122.427	122.164	121.027	124.020	121.068	14
15	119.177	119.108	116.700	116.541	119.566	122.412	122.507	122.430	122.048	120.826	123.788	120.894	15
16	119.107	118.908	116.577	116.641	119.627	122.356	122.406	122.431	122.026	120.595	123.576	120.710	16
17	119.010	118.684	116.482	116.770	119.686	122.279	122.299	122.432	122.061	120.377	123.574	120.563	17
18	118.900	118.449A	116.510	116.879	119.745	122.191	122.215	122.442	122.074	120.236	123.438	120.494	18
19	118.778	118.223A	116.586	116.942	119.803	122.107	122.221	122.448	122.073	120.128	123.218	120.368	19
20	118.648	118.084	116.739	117.056	119.872	122.025	122.238	122.452	122.055	119.938	123.029	120.219A	20
21	118.531	117.951	116.924	117.163	119.988	121.939	122.250	122.454	122.051	119.830	122.851	120.083E	21
22	118.486	117.809	117.029	117.274	120.100	121.869	122.264	122.449	121.948	119.758	122.833	119.934E	22
23	118.469	117.669	117.048	117.310	120.189	121.840	122.273	122.439	121.819	119.585	123.712	119.763E	23
24	118.413	117.547	116.954	117.479	120.272	121.805	122.287	122.222	121.692	119.437	124.695	119.581	24
25	118.412	117.455	116.833	117.637	120.343	121.770	122.294	122.215	121.565	119.556	124.395	119.365	25
26	118.390	117.362	116.706	117.803	120.404	121.786	122.309	122.221	121.433	119.843	123.955	119.148	26
27	118.379	117.258	116.577	117.908	120.463	121.816	122.315	122.221	121.329	119.772	123.500	118.954	27
28	118.448	117.152	116.455	118.030	120.542	121.856	122.324	122.225	121.321	119.728	123.062	118.739	28
29	118.539		116.353	118.125	120.633	121.893	122.336	122.229	121.321	119.631	122.883	118.505A	29
30	118.564		116.262	118.201	120.706	121.933	122.346	122.258	121.324	119.630	122.670	118.293	30
31	118.476		116.180		120.797		122.355	122.460		119.516		118.125	31
MEAN	118.694	118.365	116.780	116.825	119.599	121.989	122.343	122.373	121.966	120.636	122.139	120.695	MEAN
MAX	119.364	119.556	117.163	118.201	120.797	122.532	122.684	122.460	122.449	122.279	124.695	122.728	MAX
MIN	118.030	117.152	116.180	115.995	118.280	120.927	121.975	122.215	121.321	119.437	118.993	118.125	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 120.210
MAXIMUM DAILY, 124.695 ON NOV 24
MINIMUM DAILY, 115.995 ON APR 04
MAXIMUM INSTANTANEOUS,
124.751 AT 07:05 PST ON NOV 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 14 N
LONG 122 29 04 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - WATER LEVEL CONTROLLED BY AQUEDUCT TO STAVE LAKE AND VALVED PIPE TO ALOUETTE RIVER

ALOUETTE RIVER NEAR HANEY - STATION NO. 08MH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.11	3.16	2.13	1.31	1.96	1.85	1.39	1.18	1.48	1.16	1.69	---	1
2	1.94	5.63	2.02	1.36	1.82	1.78	1.43	1.18	1.34	1.12	1.52	---	2
3	2.86	8.59	1.95	1.41	1.71	3.36	1.42	1.24	1.28	1.34	1.68	---	3
4	6.25	5.39	2.00	1.38	1.63	3.53	1.36	1.27	1.28	5.23	2.20	---	4
5	6.71	5.84	2.01	1.38	1.58	2.58	1.38	1.26	1.25	3.12	2.17	---	5
6	5.91	4.68	2.75	1.41	1.56	2.92	1.48	1.22	1.25	1.97	1.74	---	6
7	5.76	3.54	5.28	1.40	1.52	4.27	1.57	1.19	1.25	1.61	3.64	---	7
8	4.07	2.78	4.65	1.34	1.52	3.41	1.43	1.22	1.22	1.46	3.33	---	8
9	5.88	9.04	3.81	1.29	1.49	3.12	1.38	1.22	1.24	1.80	29.6	---	9
10	5.04	27.4	4.44	1.27	1.48	4.55	1.34	1.18	1.26	2.09	41.3	---	10
11	3.42	16.8	3.28	1.26	1.50	4.23	1.30	1.22	1.23	1.78	22.3	---	11
12	2.86	5.96	2.51	1.33	1.48	3.62	1.32	1.22	1.26	2.29	5.54	11.5 A	12
13	2.94	3.84	2.38	1.43	1.51	2.99	1.27	1.20	1.24	1.83	21.3	6.30	13
14	2.61	3.01	3.14	1.44	1.48	2.44	1.26	1.19	1.26	1.67	62.7	4.05	14
15	2.45	2.71	2.69	1.42	1.46	2.18	1.25	1.19	1.29	1.63	49.7	4.39	15
16	2.32	2.35	2.33	1.45	1.44	1.98	1.26	1.19	1.99	1.48	44.3	4.23	16
17	2.12	2.13	2.23	1.59	1.43	1.87	1.24	1.16	1.43	1.40	29.8	7.93	17
18	2.00	1.95	3.12	1.45	1.51	1.73	1.26	1.30	1.28	1.72	27.5	6.83	18
19	1.93	1.84	2.54	1.48	1.48	1.68	1.26	1.25	1.25	1.55	17.0	4.34B	19
20	1.83	2.69	2.73	1.85	1.47	1.65	1.24	1.23	1.19	1.39	3.68	3.26B	20
21	2.03	2.64	2.52	1.59	1.45	1.59	1.23	1.21	1.20	2.52	5.83	2.58B	21
22	6.50	2.42	2.14	1.48	1.44	1.55	1.23	1.26	1.18	2.14	30.9	2.20B	22
23	5.69	2.30	1.86	1.93	1.44	1.53	1.22	1.21	1.16	1.77	89.1 A	1.96B	23
24	5.88	2.58	1.75	2.56	1.62	1.49	1.20	1.21	1.15	1.54	---	1.80B	24
25	8.98	2.71	1.65	3.23	1.50	1.46	1.18	1.14	1.15	1.50	---	1.85B	25
26	5.11	2.53	1.52	4.88	1.46	1.44	1.23	1.20	1.15	2.09	69.3 A	1.88B	26
27	5.34	2.28	1.45	3.59	1.44	1.42	1.22	1.19	1.14	1.74	---	2.01B	27
28	9.50	2.21	1.41	3.21	1.42	1.42	1.25	1.20	1.13	1.63	---	1.88B	28
29	7.14		1.39	2.49	1.37	1.40	1.24	1.28	1.13	1.78	---	1.80B	29
30	4.58		1.34	2.17	1.37	1.39	1.22	1.39	1.12	2.60	---	1.76B	30
31	3.51		1.31		1.77		1.19	2.06		1.96		1.70B	31
TOTAL	135.27	139.00	76.33	55.38	47.30	70.43	40.25	38.66	37.78	58.91	---	---	TOTAL
MEAN	4.36	4.96	2.46	1.85	1.53	2.35	1.30	1.25	1.26	1.90	---	---	MEAN
MAX	9.50	27.4	5.28	4.88	1.96	4.55	1.57	2.06	1.99	5.23	---	---	MAX
MIN	1.83	1.84	1.31	1.26	1.37	1.39	1.18	1.14	1.12	1.12	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 1.12 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 21 N
LONG 122 34 42 W
DRAINAGE AREA, 234 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 700	JUL	3 480
FEB	12 000	AUG	3 340
MAR	6 590	SEP	3 260
APR	4 780	OCT	5 090
MAY	4 090	NOV	---
JUN	6 090	DEC	---

AMBUSTEN CREEK NEAR THE MOUTH - STATION NO. 08LF081

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.011B	0.008B	0.009B	0.012B	0.020	0.120	0.053	0.062E	0.039	0.019	0.016	0.015	1
2	0.011B	0.008B	0.008B	0.012B	0.022	0.113	0.093	0.061E	0.039	0.019	0.016	0.013	2
3	0.011B	0.009B	0.008B	0.012	0.022	0.111	0.088	0.060E	0.035	0.019	0.016	0.015	3
4	0.011B	0.009B	0.008B	0.011	0.022	0.106	0.079	0.057E	0.034	0.019	0.016	0.015	4
5	0.013B	0.010B	0.008B	0.012	0.024	0.102	0.075	0.054E	0.035	0.020	0.016	0.014	5
6	0.013B	0.009B	0.009B	0.011	0.026	0.101	0.199	0.053E	0.033	0.020	0.016	0.014	6
7	0.013B	0.009B	0.010B	0.010	0.025	0.101	0.358	0.054E	0.030	0.019	0.013	0.015	7
8	0.012B	0.009B	0.009B	0.010	0.028	0.094	0.294	0.054E	0.031	0.020	0.014	0.014	8
9	0.012B	0.009B	0.009B	0.010	0.028	0.099	0.233	0.053E	0.029	0.021	0.015	0.013	9
10	0.012B	0.010B	0.009B	0.010	0.029	0.131	0.194	0.051E	0.030	0.020	0.014	0.013	10
11	0.011B	0.010B	0.008B	0.010	0.028	0.120	0.165	0.050E	0.029	0.020	0.015	0.014	11
12	0.011B	0.008B	0.008B	0.010	0.029	0.113	0.147	0.049E	0.029	0.020	0.015	0.015	12
13	0.011B	0.008B	0.008B	0.009	0.031	0.113	0.138	0.048E	0.028	0.020	0.018	0.017	13
14	0.011B	0.007B	0.008B	0.009	0.032	0.104	0.130	0.047E	0.027	0.019	0.017	0.016	14
15	0.011B	0.007B	0.009B	0.010	0.032	0.097	0.121	0.046E	0.028	0.020	0.017	0.015	15
16	0.011B	0.007B	0.009B	0.008	0.032	0.105	0.114	0.047E	0.030	0.020	0.017	0.015	16
17	0.011B	0.007B	0.009B	0.009	0.034	0.124	0.109	0.048E	0.028	0.020	0.016	0.015	17
18	0.010B	0.008B	0.010B	0.011	0.036	0.109	0.105	0.047E	0.027	0.020	0.015	0.014	18
19	0.010B	0.008B	0.010B	0.010	0.036	0.109	0.102	0.048E	0.026	0.019	0.016	0.013	19
20	0.010B	0.008B	0.010B	0.011	0.038	0.122	0.083	0.049E	0.027	0.019	0.015	0.012B	20
21	0.011B	0.008B	0.009B	0.011	0.036	0.109	0.057	0.049E	0.026	0.019	0.016	0.011B	21
22	0.011B	0.008B	0.010B	0.012	0.037	0.102	0.056	0.050E	0.023	0.020	0.015	0.011B	22
23	0.011B	0.008B	0.010B	0.014	0.040	0.097	0.084	0.052E	0.022	0.018	0.020	0.012B	23
24	0.011B	0.008B	0.011B	0.014	0.048	0.092	0.111	0.054E	0.021	0.018	0.016B	0.012B	24
25	0.012B	0.009B	0.011B	0.016	0.075	0.087	0.113	0.053E	0.022	0.018	0.015B	0.012B	25
26	0.011B	0.009B	0.011B	0.017	0.101	0.070	0.097A	0.049E	0.019	0.018	0.013B	0.012B	26
27	0.011B	0.009B	0.012B	0.017	0.105	0.065	0.082E	0.046E	0.020	0.018	0.014B	0.012B	27
28	0.011B	0.009B	0.012B	0.018	0.136	0.062	0.071E	0.044A	0.020	0.017	0.015B	0.011B	28
29	0.011B		0.012B	0.018	0.135	0.060	0.068E	0.042	0.020	0.016	0.016	0.011B	29
30	0.010B		0.012B	0.018	0.126	0.053	0.066E	0.042	0.020	0.017	0.014	0.011B	30
31	0.008B		0.012B		0.123		0.064E	0.041		0.016		0.012B	31
TOTAL	0.344	0.236	0.298	0.362	1.536	2.991	3.749	1.560	0.827	0.588	0.467	0.414	TOTAL
MEAN	0.011	0.008	0.010	0.012	0.050	0.100	0.121	0.050	0.028	0.019	0.016	0.013	MEAN
MAX	0.013	0.010	0.012	0.018	0.136	0.131	0.358	0.062	0.039	0.021	0.020	0.017	MAX
MIN	0.008	0.007	0.008	0.008	0.020	0.053	0.053	0.041	0.019	0.016	0.013	0.011	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.358 ON JUL 07
MINIMUM DAILY, 0.007B ON FEB 14
MAXIMUM INSTANTANEOUS,
0.400 AT 00:42 PST ON JUL 07

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 13 N
LONG 121 34 34 W
DRAINAGE AREA, 32.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29.7	JUL	324
FEB	20.4	AUG	135
MAR	25.7	SEP	71.5
APR	31.3	OCT	50.8
MAY	133	NOV	40.3
JUN	258	DEC	35.8

TOTAL DISCHARGE, 1 160 dam³

ANDERSON CREEK ABOVE DIVERSIONS - STATION NO. 08LF084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.025B	0.013B	0.016B	0.019B	0.073	0.958	0.263	0.161	0.060	0.034	0.035	0.023B	1
2	0.025B	0.015B	0.016B	0.020B	0.110	0.906	0.462	0.153	0.057	0.035	0.035B	0.022B	2
3	0.024B	0.018B	0.016B	0.021A	0.123	0.906	0.386	0.143	0.053	0.035	0.034B	0.022B	3
4	0.023B	0.020B	0.017B	0.014	0.163	0.767	0.300	0.126	0.050	0.039	0.036B	0.023B	4
5	0.024B	0.019B	0.018B	0.015	0.280A	0.604	0.273	0.110	0.047	0.048	0.035B	0.023B	5
6	0.027B	0.021B	0.018B	0.016	0.284E	0.592	1.75	0.108	0.043	0.046	0.034B	0.022B	6
7	0.029B	0.020B	0.019B	0.018	0.270E	0.620	1.90	0.100	0.037	0.042	0.032B	0.022B	7
8	0.027B	0.018B	0.020B	0.019	0.230E	0.555	1.17	0.093	0.036	0.041	0.033B	0.022B	8
9	0.023B	0.017B	0.020B	0.017	0.200E	0.611	0.918	0.091	0.034	0.046	0.032B	0.021B	9
10	0.023B	0.018B	0.019B	0.022	0.172A	0.823	0.740	0.081	0.037	0.048	0.032B	0.021B	10
11	0.022B	0.019B	0.018B	0.019	0.180	0.664	0.619	0.077	0.037	0.047	0.033B	0.021B	11
12	0.022B	0.018B	0.018B	0.022	0.183	0.606	0.550	0.072	0.035	0.044	0.035A	0.022B	12
13	0.021B	0.017B	0.017B	0.024	0.179	0.819	0.490	0.074	0.034	0.044	0.044	0.022B	13
14	0.022B	0.015B	0.018B	0.027	0.177	0.789	0.453	0.075	0.033	0.042	0.035	0.022B	14
15	0.023B	0.015B	0.018B	0.033	0.194	0.820	0.417	0.068	0.038	0.040	0.035	0.022B	15
16	0.023B	0.016B	0.019B	0.044	0.204	0.835	0.379	0.071	0.051	0.038	0.026	0.022B	16
17	0.022B	0.017B	0.019B	0.057	0.217	0.805	0.364	0.072	0.057	0.038	0.030B	0.021B	17
18	0.020B	0.015B	0.020B	0.065	0.276	0.738	0.338	0.078	0.052	0.035	0.028B	0.020B	18
19	0.019B	0.013B	0.020B	0.078	0.269	0.776	0.318	0.074	0.044	0.035	0.026B	0.019B	19
20	0.019B	0.011B	0.020B	0.097	0.266	0.834	0.291	0.068	0.041	0.034	0.024B	0.017B	20
21	0.020B	0.010B	0.019B	0.104	0.249	0.674	0.248	0.070	0.039	0.033	0.023B	0.016B	21
22	0.022B	0.012B	0.020B	0.099	0.256	0.612	0.240	0.068	0.035	0.033	0.024B	0.017B	22
23	0.023B	0.013B	0.019B	0.096	0.264	0.556	0.233	0.074	0.034	0.032	0.024B	0.017B	23
24	0.022B	0.014B	0.018B	0.087	0.291	0.485	0.343	0.071	0.034	0.030	0.024B	0.018B	24
25	0.023B	0.014B	0.017B	0.083	0.377	0.430	0.311	0.065	0.034	0.033	0.025B	0.018B	25
26	0.024B	0.015B	0.016B	0.075	0.497	0.386	0.250	0.063	0.032	0.037	0.023B	0.016B	26
27	0.021B	0.016B	0.017B	0.068	0.733	0.363	0.233	0.065	0.035	0.036	0.022B	0.015B	27
28	0.020B	0.017B	0.017B	0.061	1.38	0.323	0.211	0.064	0.034	0.041	0.023B	0.014B	28
29	0.019B		0.018B	0.058	1.35	0.294	0.188	0.063	0.030	0.036	0.024B	0.014B	29
30	0.018B		0.019B	0.065	1.07	0.272	0.180	0.062	0.031	0.036	0.024B	0.015B	30
31	0.015B		0.020B		1.06		0.171	0.060		0.030		0.016B	31
TOTAL	0.690	0.446	0.566	1.443	11.577	19.423	14.989	2.620	1.214	1.188	0.890	0.605	TOTAL
MEAN	0.022	0.016	0.018	0.048	0.374	0.647	0.484	0.085	0.041	0.038	0.030	0.020	MEAN
MAX	0.029	0.021	0.020	0.104	1.38	0.958	1.90	0.161	0.060	0.048	0.044	0.023	MAX
MIN	0.015	0.010	0.016	0.014	0.073	0.272	0.171	0.060	0.030	0.030	0.022	0.014	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.152
MAXIMUM DAILY, 1.90 ON JUL 07
MINIMUM DAILY, 0.010B ON FEB 21
MAXIMUM INSTANTANEOUS,
4.20 AT 15:04 PST ON JUL 06

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 35 N
LONG 121 38 07 W
DRAINAGE AREA, 31.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59.6	JUL	1 300
FEB	38.5	AUG	226
MAR	48.9	SEP	105
APR	125	OCT	103
MAY	1 000	NOV	76.9
JUN	1 680	DEC	52.3

TOTAL DISCHARGE, 4 820 dam³

ANDERSON CREEK NEAR NELSON - STATION NO. 08NJ130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.045	0.040	0.037	0.150	0.316	0.800	0.262	0.047	0.026	0.008	0.025	0.036	1
2	0.044	0.039	0.037	0.210	0.305	0.713A	0.244	0.046	0.022	0.010	0.026	0.035	2
3	0.045	0.038	0.037	0.257	0.298	0.773	0.225	0.046	0.023	0.012	0.029	0.031	3
4	0.046	0.040	0.039	0.242	0.299	0.743	0.197	0.045	0.020	0.020	0.028	0.035	4
5	0.044	0.041	0.038	0.226	0.343	0.693	0.175	0.044	0.020	0.019	0.032	0.036	5
6	0.045	0.039	0.040	0.227	0.420	0.600	0.178	0.041	0.021	0.011	0.031	0.035	6
7	0.045	0.038	0.039	0.238	0.414	0.653	0.158	0.038	0.018	0.011	0.033	0.034	7
8	0.048	0.038	0.045	0.266	0.385	0.593	0.136	0.038	0.018	0.011	0.033	0.034	8
9	0.049	0.037	0.046	0.272	0.351	0.574	0.125	0.035	0.017	0.011	0.046	0.030	9
10	0.055	0.035	0.045	0.265	0.329	0.651	0.117A	0.032	0.016	0.012	0.048	0.030	10
11	0.054	0.042	0.044	0.245	0.314	0.688	0.097	0.031	0.018	0.011	0.038	0.031	11
12	0.049	0.045	0.044	0.229	0.308	0.698	0.096	0.029	0.014	0.009	0.039	0.034	12
13	0.047	0.043	0.043	0.224	0.305	0.668	0.091	0.027	0.014	0.010	0.044	0.032	13
14	0.048	0.041	0.040	0.226	0.299	0.637	0.084	0.024	0.013	0.008	0.043	0.030	14
15	0.045	0.037	0.041	0.235	0.291	0.581	0.077	0.023	0.012	0.010	0.039	0.029	15
16	0.041	0.038	0.042	0.248	0.286	0.573	0.074	0.022	0.013	0.011	0.037	0.029	16
17	0.041	0.041	0.043	0.268	0.282	0.531	0.069	0.022	0.013	0.009	0.033	0.027	17
18	0.042	0.041	0.048	0.284	0.282	0.506	0.065	0.024	0.012	0.012	0.028	0.026	18
19	0.042	0.037	0.063	0.314	0.278	0.496	0.062	0.024	0.013	0.012	0.028	0.025	19
20	0.041	0.039	0.082	0.354	0.277	0.465	0.059	0.027	0.013	0.012	0.029	0.024B	20
21	0.040	0.040	0.098	0.397	0.271	0.444	0.055	0.030	0.014	0.012	0.026	0.024B	21
22	0.041	0.038	0.095	0.436	0.271	0.420	0.051	0.031	0.011	0.014A	0.028	0.023B	22
23	0.040	0.038	0.087	0.445	0.269	0.398	0.049	0.031	0.011	0.017	0.042	0.023B	23
24	0.040	0.036	0.078	0.447	0.311	0.376	0.063	0.024	0.012	0.019	0.074	0.022B	24
25	0.039	0.036	0.073	0.424	0.389	0.356	0.071	0.032	0.011	0.020	0.080	0.022B	25
26	0.039	0.034	0.069	0.388	0.432	0.343	0.079	0.029	0.011	0.020	0.053	0.022B	26
27	0.040	0.032	0.064	0.369	0.422	0.318	0.087	0.023	0.009	0.019	0.047	0.021B	27
28	0.039	0.033	0.065	0.362	0.412	0.310	0.063	0.020	0.010	0.022	0.041	0.021B	28
29	0.039		0.068	0.355	0.432	0.285	0.058	0.021	0.011	0.024	0.041	0.021B	29
30	0.039		0.076	0.336	0.540	0.273	0.052	0.034	0.010	0.025	0.037	0.020B	30
31	0.039		0.101		0.573		0.050	0.027		0.026		0.020B	31
TOTAL	1.351	1.076	1.767	8.939	10.724	16.159	3.269	0.967	0.446	0.447	1.158	0.861	TOTAL
MEAN	0.044	0.038	0.057	0.298	0.346	0.539	0.106	0.031	0.015	0.014	0.039	0.028	MEAN
MAX	0.055	0.045	0.101	0.447	0.573	0.800	0.262	0.047	0.026	0.026	0.080	0.036	MAX
MIN	0.039	0.032	0.037	0.150	0.271	0.273	0.049	0.020	0.009	0.008	0.025	0.020	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.129
MAXIMUM DAILY, 0.800 ON JUN 01
MINIMUM DAILY, 0.008 ON OCT 01
MAXIMUM INSTANTANEOUS,
0.853 AT 07:14 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 05 N
LONG 117 15 35 W
DRAINAGE AREA, 9.07 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117	JUL	282
FEB	93.0	AUG	83.5
MAR	153	SEP	38.5
APR	772	OCT	38.6
MAY	927	NOV	100
JUN	1 400	DEC	74.4

TOTAL DISCHARGE, 4 080 dam³

ARROW CREEK NEAR ERICKSON - STATION NO. 08NH084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.496	0.455B	0.438	2.39	3.01	12.9	3.57	0.934	0.617	0.370	0.558	1.54	1
2	0.485	0.440B	0.433	3.24	3.03	11.4	3.27	0.911	0.566	0.389	0.438	1.44	2
3	0.502	0.450B	0.450	3.09	3.23	10.5	3.13	0.860	0.562	0.423	0.452	1.35	3
4	0.485	0.471	0.477	3.69	3.86	14.5	2.73	0.852A	0.514	0.546	0.479	1.33	4
5	0.471	0.465	0.460	3.50	5.46	13.1	2.60	0.810E	0.487	0.565	0.438	1.26	5
6	0.496	0.448	0.460	3.37	7.70	11.0	2.57	0.792E	0.510	0.452	0.402	1.19	6
7	0.511	0.450B	0.485	3.55	6.61	11.4	2.41	0.770E	0.480	0.419	0.435	1.13	7
8	0.541	0.442B	0.521	4.04	5.45	10.8	2.14	0.748E	0.477	0.415	0.422	1.10	8
9	0.563	0.442B	0.518	4.11	4.63	9.66	2.03	0.728E	0.455	0.429	1.01	1.15	9
10	0.735	0.455B	0.511	3.55	4.11	14.8	1.89	0.710E	0.454	0.570	2.23	1.21	10
11	0.530B	0.470B	0.508	3.03	3.96	15.2	1.81	0.685E	0.454	0.434	1.68	1.24	11
12	0.520B	0.484	0.512	2.98	3.89	13.3	1.75	0.655E	0.425	0.449	1.28	1.13	12
13	0.522B	0.420B	0.501	2.98	4.10	11.7	1.66	0.638E	0.416	0.450	1.13	1.13	13
14	0.531	0.382B	0.495	3.07	4.19	10.1	1.55	0.626E	0.403	0.416	1.09	1.08	14
15	0.501	0.356B	0.496	3.45	4.22	8.86	1.47	0.612E	0.400	0.425	0.962	1.05	15
16	0.505	0.355B	0.482	3.95	4.21	8.39	1.41	0.600E	0.443	0.413	0.895	1.03	16
17	0.482B	0.355B	0.477	4.34	4.17	8.21	1.34	0.590E	0.464	0.393	0.875	0.996	17
18	0.476B	0.358B	0.521	4.53	4.20	7.78	1.27	0.580E	0.437	0.455	0.787	0.989	18
19	0.478B	0.362B	0.653	5.17	4.15	7.07	1.22	0.595E	0.420	0.455	0.746	0.935B	19
20	0.480B	0.375B	0.903	6.07	4.28	6.99A	1.18	0.600E	0.411	0.434	0.720	0.698B	20
21	0.492B	0.390B	1.08	6.57	4.33	6.98E	1.14	0.640E	0.401	0.456	0.702	0.500B	21
22	0.511	0.400B	1.10	6.97	4.35	7.02E	1.11	0.668E	0.398	0.449	0.813	0.460B	22
23	0.514	0.420B	1.03	6.71	5.30	7.38E	1.09	0.630E	0.389	0.431	1.71	0.468B	23
24	0.502B	0.435	0.925	6.47	6.59	8.00E	1.23 A	0.612A	0.374	0.439	4.79	0.488B	24
25	0.507	0.445	0.865	5.85	9.70	7.80E	1.40 E	0.726	0.353	0.449	6.63	0.517B	25
26	0.510	0.426	0.846	4.94	10.2 A	6.50E	1.33	0.686	0.372	0.506	3.84	0.528B	26
27	0.498B	0.430	0.906	4.33	8.68	5.20E	1.26	0.595	0.369	0.471	2.77	0.530B	27
28	0.490B	0.429	0.988	4.00	8.98	4.32A	1.12	0.591	0.378	0.480	2.20	0.480B	28
29	0.480B		1.11	3.48	9.23	4.02	1.04	0.586	0.360	0.528	1.89	0.457B	29
30	0.475B		1.34	3.14	11.8	3.99	0.983	0.703	0.358	0.610	1.66	0.504B	30
31	0.464B		1.74		11.1		0.964	0.699		0.796		0.540B	31
TOTAL	15.756	11.812	22.231	127.36	178.72	278.85	53.667	21.448	13.147	14.517	44.034	28.450	TOTAL
MEAN	0.508	0.422	0.717	4.25	5.77	9.30	1.73	0.692	0.438	0.468	1.47	0.918	MEAN
MAX	0.735	0.484	1.74	6.97	11.8	15.2	3.57	0.934	0.617	0.796	6.63	1.54	MAX
MIN	0.464	0.355	0.433	2.39	3.01	3.99	0.964	0.586	0.353	0.370	0.402	0.457	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.22
MAXIMUM DAILY, 15.2 ON JUN 11
MINIMUM DAILY, 0.353 ON SEP 25
MAXIMUM INSTANTANEOUS,
20.6 AT 19:37 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 32 N
LONG 116 27 04 W
DRAINAGE AREA, 78.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 360	JUL	4 640
FEB	1 020	AUG	1 850
MAR	1 920	SEP	1 140
APR	11 000	OCT	1 250
MAY	15 400	NOV	3 800
JUN	24 100	DEC	2 460

TOTAL DISCHARGE, 69 900 dam³

ARROW RESERVOIR AT FAUQUIER - STATION NO. 08NE102

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	437.057	432.915	428.026	422.718	424.876	431.608	436.038	439.811	440.005	439.490	440.072	438.782	1
2	436.863	432.688	427.735	422.519	425.074	431.916	436.097	439.922	440.057	439.370	440.032	438.799	2
3	436.685	432.445	427.495	422.335	425.235	432.105	436.157	439.984	440.083	439.286	440.004	438.860	3
4	436.515	432.207	427.281	422.227	425.446	432.328	436.233	439.981	440.080	439.216	440.015	438.879	4
5	436.297	432.009	427.086	422.134	425.663	432.557	436.265	439.957	440.115	439.210	440.015	438.839	5
6	436.065	431.869	426.880	422.039	425.904	432.672	436.290	439.955	440.213	439.202	440.039	438.756	6
7	435.818	431.698	426.742	421.905	426.230	432.815	436.374	439.976	440.307	439.213	440.064	438.684	7
8	435.590	431.529	426.595	422.055	426.512	432.968	436.435	439.997	440.409	439.250	440.056	438.582	8
9	435.413	431.366	426.441	422.077	426.706	433.112	436.483	440.020	440.481	439.283	440.071	438.464	9
10	435.303	431.182	426.300	422.104	426.895	433.218	436.546	440.061	440.548	439.337	440.098	438.324	10
11	435.243	430.999	426.157	422.151	427.087	433.422	436.649	440.103	440.573	439.410	440.111	438.185	11
12	435.178	430.849	425.996	422.218	427.272	433.656	436.790	440.118	440.552	439.465	440.168	438.043	12
13	435.106	430.763	425.844	422.296	427.394	433.776	436.963	440.128	440.510	439.511	440.281	437.887	13
14	435.008	430.682	425.687	422.429	427.534	433.819	437.159	440.110	440.432	439.587	440.297	437.720	14
15	434.887	430.662	425.537	422.506	427.686	433.920	437.364	440.072	440.340	439.654	440.208	437.555	15
16	434.777	430.661	425.369	422.487	427.828	434.031	437.537	440.027	440.265	439.664	440.095	437.433	16
17	434.674	430.611	425.236	422.437	428.004	434.086	437.713	440.001	440.246	439.629	439.955	437.348	17
18	434.639	430.480	425.089	422.482	428.196	434.118	437.862	439.962	440.198	439.550	439.845	437.320	18
19	434.609	430.326	424.990	422.692	428.360	434.208	438.036	439.929	440.108	439.703	439.710	437.285	19
20	434.597	430.217	424.997	422.888	428.487	434.405	438.195	439.880	439.999	439.774	439.591	437.233	20
21	434.534	430.112	424.944	423.085	428.638	434.622	438.354	439.857	439.938	439.819	439.458	437.192A	21
22	434.421	430.044	424.852	423.249	428.802	434.863	438.492	439.867	439.928	439.828	439.340	437.112A	22
23	434.334	429.776A	424.779	423.356	429.007	435.108	438.654	439.886	439.951	439.841	439.201	437.002E	23
24	434.219	429.653E	424.624	423.507	429.198	435.349	438.806	439.851	439.988	439.864	439.106	436.968A	24
25	434.068	429.354E	424.276	423.760	429.474	435.578	438.931	439.781	439.998	439.893	439.152	436.685	25
26	433.927	429.020E	423.940	424.025	429.743	435.713	439.048	439.675	439.943	439.944	439.067	436.486	26
27	433.747	428.745A	423.664	424.324	429.981	435.813	439.216	439.614	439.872	439.990	438.972	436.316	27
28	433.558	428.308	423.432	424.577	430.239	435.895	439.372	439.633	439.797	440.021	438.873	436.245A	28
29	433.353		423.200	424.640	430.444A	435.938	439.531	439.704	439.773	440.045	438.810	436.010E	29
30	433.212		423.024	424.708	430.930E	435.950	439.665	439.784	439.683	440.063	438.769	435.748A	30
31	433.078		422.864		431.355A		439.736	439.908		440.089		435.595	31
MEAN	434.928	430.756	425.455	422.867	427.877	433.986	437.646	439.921	440.146	439.623	439.718	437.559	MEAN
MAX	437.057	432.915	428.026	424.708	431.355	435.950	439.736	440.128	440.573	440.089	440.297	438.879	MAX
MIN	433.078	428.308	422.864	421.985	424.876	431.608	436.038	439.614	439.683	439.202	438.769	435.595	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 434.236
MAXIMUM DAILY, 440.573 ON SEP 11
MINIMUM DAILY, 421.985 ON APR 07
MAXIMUM INSTANTANEOUS,
440.593 AT 13:36 PST ON SEP 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 118 04 48 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR AT NAKUSP - STATION NO. 08NE104

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	437.073	432.909	428.213	423.033	424.889	431.571	435.992	439.790	439.976	439.459	440.049	438.768	1
2	436.874	432.702	427.947	422.853	425.061	431.828	436.055	439.893	440.018	439.349	440.013	438.796	2
3	436.681	432.446	427.695	422.820	425.225	432.035	436.131	439.963	440.043	439.259	439.977	438.850	3
4	436.518	432.197	427.462	422.761	425.422	432.263	436.197	439.961	440.053	439.186	439.991	438.871	4
5	436.290	432.015	427.262	422.679	425.659	432.467	436.229	439.944	440.095	439.187	439.985	438.839	5
6	436.067	431.867	427.079	422.647	425.934	432.625	436.278	439.941	440.191	439.165	440.008	438.762	6
7	435.813	431.707	426.951	422.583	426.242	432.763	436.351	439.949	440.289	439.184	440.039	438.686	7
8	435.589	431.523	426.797	422.408	426.496	432.925	436.410	439.976	440.398	439.216	440.040	438.582	8
9	435.411	431.352	426.656	422.317	426.691	433.056	436.460	439.996	440.462	439.262	440.046	438.457	9
10	435.301	431.171	426.521	422.415	426.861	433.190	436.524	440.044	440.528	439.320	440.076	438.315	10
11	435.225	430.978	426.373	422.495	427.072	433.391	436.624	440.106	440.551	439.387	440.096	438.191	11
12	435.161	430.834	426.209	422.564	427.245	433.611	436.772	440.112	440.543	439.435	440.153	438.030	12
13	435.088	430.692	426.043	422.744	427.376	433.716	436.942	440.115	440.483	439.487	440.280	437.887	13
14	434.987	430.654	425.891	422.849	427.527	433.761	437.129	440.103	440.400	439.559	440.300	437.724	14
15	434.878	430.629	425.734	422.695	427.676	433.881	437.334	440.060	440.322	439.625	440.217	437.572	15
16	434.770	430.583	425.569	422.593	427.830	433.999	437.510	440.030	440.241	439.642	440.091	437.448	16
17	434.655	430.524	425.352	422.584	428.002	434.054	437.686	439.983	440.209	439.595	439.967	437.375	17
18	434.625	430.441	425.108	422.706	428.192	434.080	437.847	439.947	440.178	439.622	439.825	437.323	18
19	434.612	430.302	424.992	422.819	428.348	434.168	437.999	439.911	440.082	439.676	439.698	437.265	19
20	434.598	430.197	425.035	422.976	428.486	434.355	438.166	439.860	439.965	439.730	439.588	437.223	20
21	434.538	430.102	425.024	423.162	428.625	434.572	438.327	439.858	439.908	439.789	439.449	437.182	21
22	434.446	430.007A	424.962	423.252	428.785	434.831	438.474	439.853	439.906	439.810	439.339	437.127	22
23	434.348	429.800A	424.868	423.417	428.982	435.073	438.632	439.866	439.925	439.823	439.228	437.019	23
24	434.245	429.653A	424.732	423.647	429.185	435.311	438.777	439.818	439.958	439.833	439.165	436.884	24
25	434.097	429.354A	424.444	423.841	429.468	435.532	438.902	439.754	439.970	439.868	439.136	436.692	25
26	433.940	429.020A	424.175	424.117	429.719	435.666	439.031	439.650	439.909	439.921	439.063	436.496	26
27	433.754	428.822A	424.019	424.604	429.962	435.769	439.180	439.578	439.835	439.961	438.966	436.309	27
28	433.544	428.494	423.870	424.573	430.220	435.853	439.335	439.597	439.778	439.993	438.883	436.192	28
29	433.359		423.692	424.627	430.538	435.900	439.486	439.666	439.752	440.013	438.816	436.061	29
30	433.209		423.503	424.691	430.930	435.917	439.637	439.771	439.635	440.031	438.780	435.856	30
31	433.050		423.306		431.276		439.724	439.808		440.053		435.596	31
MEAN	434.927	430.749	425.661	423.109	427.868	433.939	437.617	439.903	440.120	439.595	439.709	437.561	MEAN
MAX	437.073	432.909	428.213	424.691	431.276	435.917	439.724	440.115	440.551	440.053	440.300	439.871	MAX
MIN	433.050	428.494	423.306	422.317	424.889	431.571	435.992	439.578	439.635	439.165	438.780	435.596	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 434.259
MAXIMUM DAILY, 440.551 ON SEP 11
MINIMUM DAILY, 422.317 ON APR 09
MAXIMUM INSTANTANEOUS,
440.572 AT 22:40 PST ON SEP 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 12 N
LONG 117 47 48 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR OUTFLOW - STATION NO. 08NE126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 100	2 090	2 470	1 370	230	320	1 670	1 500	1 280	1 690	831	728	1
2	2 110	2 260	2 490	1 350	234	500	1 700	1 370	1 280	1 450	842	613	2
3	2 000	1 980	2 210	1 260	232	564	1 710	1 650	1 280	1 440	843	699	3
4	2 080	1 590	2 060	1 220	225	565	1 660	1 820	1 280	1 380	830	909	4
5	2 170	1 540	2 040	1 220	221	547	1 620	1 820	1 040	1 270	884	1 170	5
6	2 020	1 610	2 030	1 220	225	596	1 620	1 820	851	1 020	887	1 260	6
7	1 970	1 710	2 030	957	231	596	1 580	1 840	855	709	928	1 250	7
8	2 010	1 810	2 050	748	234	523	1 560	1 850	942	613	902	1 530	8
9	1 750	1 850	2 060	722	232	659	1 570	1 720	987	614	882	1 760	9
10	1 450	1 580	2 070	720	232	708	1 570	1 560	1 020	660	961	1 780	10
11	1 390	1 280	2 070	710	234	718	1 560	1 810	1 080	688	907	1 810	11
12	1 380	1 320	2 070	711	232	708	1 560	1 990	1 220	690	894	1 820	12
13	1 200	1 350	2 000	717	225	702	1 560	1 990	1 380	613	1 140	1 990	13
14	1 110	1 390	1 900	718	224	704	1 310	1 990	1 340	626	1 580	2 110	14
15	1 100	1 490	1 870	714	226	709	1 130	1 980	1 220	743	1 810	1 860	15
16	1 360	1 470	1 450	713	227	956	1 140	1 980	1 200	1 050	1 800	1 620	16
17	1 280	1 600	1 450	707	229	1 210	1 140	1 980	1 200	1 070	1 720	1 520	17
18	1 100	1 660	1 000	491	223	1 270	1 120	1 860	1 400	557	1 740	1 480	18
19	1 100	1 750	638	279	225	1 360	1 130	1 800	1 560	421	1 750	1 560	19
20	1 010	1 680	768	324	225	1 340	1 150	1 800	1 390	427	1 800	1 600	20
21	1 150	1 830	1 130	289	225	1 110	1 220	1 810	1 010	550	1 690	1 600	21
22	1 460	1 820	1 270	289	226	1 280	1 260	1 810	699	677	1 390	1 860	22
23	1 550	1 660	1 270	402	234	1 280	1 270	1 830	592	712	1 270	2 020	23
24	1 720	1 850	1 520	426	230	1 270	1 280	1 890	812	662	1 040	2 010	24
25	1 930	2 290	1 710	279	391	1 410	1 290	1 840	1 240	531	909	1 990	25
26	1 960	2 350	1 720	221	418	1 530	1 290	1 810	1 480	443	1 140	2 010	26
27	1 910	2 410	1 720	236	268	1 530	1 280	1 580	1 440	330	1 250	2 030	27
28	1 850	2 380	1 750	230	222	1 610	1 340	1 180	1 180	281	1 310	2 020	28
29	1 970		1 690	227	221	1 670	1 210	966	1 280	588	1 170	2 270	29
30	2 140		1 590	228	224	1 640	1 470	970	1 440	524	982	2 670	30
31	2 020		1 410		246		1 650	1 090		749		2 830	31
TOTAL	51 350	49 600	53 506	19 698	7 468	29 585	43 620	53 506	34 978	23 978	36 082	52 379	TOTAL
MEAN	1 660	1 770	1 730	657	241	986	1 410	1 730	1 170	773	1 200	1 690	MEAN
MAX	2 170	2 410	2 490	1 370	418	1 670	1 710	1 990	1 560	1 690	1 810	2 830	MAX
MIN	1 010	1 280	638	221	221	320	1 120	966	592	281	830	613	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 1 250
MAXIMUM DAILY, 2 830 ON DEC 31
MINIMUM DAILY, 221 ON APR 26

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 20 20 N
LONG 117 45 51 W

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 440 000	JUL	3 770 000
FEB	4 290 000	AUG	4 620 000
MAR	4 620 000	SEP	3 020 000
APR	1 700 000	OCT	2 070 000
MAY	645 000	NOV	3 120 000
JUN	2 560 000	DEC	4 530 000

TOTAL DISCHARGE, 39 400 000 dam³

ARROWSMITH CREEK AT OUTLET OF ARROWSMITH LAKE - STATION NO. 08HB080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.010	0.157	0.564	1
2	---	---	---	---	---	---	---	---	---	0.007	0.134	0.420E	2
3	---	---	---	---	---	---	---	---	---	0.011	0.129	1.05 E	3
4	---	---	---	---	---	---	---	---	---	0.059	0.131	2.19	4
5	---	---	---	---	---	---	---	---	---	0.101	0.127	1.11	5
6	---	---	---	---	---	---	---	---	---	0.105	0.121	0.654	6
7	---	---	---	---	---	---	---	---	---	0.098	0.119	0.469	7
8	---	---	---	---	---	---	---	---	---	0.089	0.107	0.583	8
9	---	---	---	---	---	---	---	---	---	0.086	0.363E	0.605	9
10	---	---	---	---	---	---	---	---	---	0.087	2.64 E	0.476	10
11	---	---	---	---	---	---	---	---	0.014A	0.089	3.07 E	0.375	11
12	---	---	---	---	---	---	---	---	0.014	0.110	2.09	0.334	12
13	---	---	---	---	---	---	---	---	0.013	0.113	1.89	0.280	13
14	---	---	---	---	---	---	---	---	0.012	0.111	1.16	0.262	14
15	---	---	---	---	---	---	---	---	0.011	0.109	0.689	0.265	15
16	---	---	---	---	---	---	---	---	0.011	0.104	0.999	0.247	16
17	---	---	---	---	---	---	---	---	0.011	0.109	1.32	0.245	17
18	---	---	---	---	---	---	---	---	0.011	0.127	0.808	0.242	18
19	---	---	---	---	---	---	---	---	0.011	0.138	0.530	0.070A	19
20	---	---	---	---	---	---	---	---	0.010	0.138	0.395	0.070E	20
21	---	---	---	---	---	---	---	---	0.010	0.166	0.338	0.064E	21
22	---	---	---	---	---	---	---	---	0.010	0.182	0.554E	0.067E	22
23	---	---	---	---	---	---	---	---	0.010	0.177	3.16 E	0.066E	23
24	---	---	---	---	---	---	---	---	0.009	0.345E	1.90	0.065E	24
25	---	---	---	---	---	---	---	---	0.010	1.91 E	0.960	0.055E	25
26	---	---	---	---	---	---	---	---	0.010	1.21	0.546	0.053E	26
27	---	---	---	---	---	---	---	---	0.010	0.487	0.409	0.052E	27
28	---	---	---	---	---	---	---	---	0.010	0.598	0.432	0.053E	28
29	---	---	---	---	---	---	---	---	0.010	0.323	1.28	0.055E	29
30	---		---	---	---	---	---	---	0.010	0.275	0.884	0.054E	30
31	---		---		---		---	---		0.200		0.053E	31
TOTAL	---	---	---	---	---	---	---	---	---	7.674	27.442	11.152	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.248	0.915	0.360	MEAN
MAX	---	---	---	---	---	---	---	---	---	1.91	3.16	2.19	MAX
MIN	---	---	---	---	---	---	---	---	---	0.007	0.107	0.052	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 16 N
LONG 124 32 05 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	663
MAY	---	NOV	2 370
JUN	---	DEC	964

ASH RIVER BELOW MORAN CREEK - STATION NO. 08HB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.67	8.24	6.89	9.69	4.26	4.26	4.19	3.76	3.78	3.67	12.0	47.8	1
2	6.41	14.7	6.88	9.40	4.73	5.04	3.48	3.75	3.50	3.31	9.24	30.8	2
3	6.10	55.9	7.30	8.66	5.10	25.5	3.29	3.69	3.39	3.57	9.94	95.4	3
4	7.20	34.6	9.45	7.74	6.31	39.3	2.75	3.64	3.41	5.46	10.1	239	4
5	14.7	33.3	11.2	7.37	9.69	35.7	2.69	3.54	3.43	3.88	8.49	134	5
6	27.9	23.1	12.9	6.98	10.8	30.6	3.95	3.36	3.44	3.51	7.26	66.4	6
7	47.6	15.1	12.8	7.00	8.62	28.1	3.19	3.31	3.54	3.41	9.81	40.2	7
8	33.2	10.1	11.0	7.76	6.65	25.3	2.76	3.40	3.62	3.29	10.0	45.0	8
9	27.7	8.52	12.0	10.5	4.95	21.7	2.49	3.37	3.67	3.64	26.6	44.6	9
10	30.4	9.22	17.0	11.0	4.11	25.7	2.45	3.57	3.55	3.90	57.0	33.3	10
11	25.6	12.6	13.2	11.3	3.98	29.5	2.67	3.51	3.57	4.19	172	23.5	11
12	20.2	11.7	10.4	15.1	4.14	23.5	2.85	3.48	3.53	5.20	256	16.8	12
13	20.7	9.37	9.65	15.4	3.99	17.6	2.75	3.52	3.60	4.21	195	12.0	13
14	27.2	8.01	11.9	13.8	3.77	11.9	3.15	3.54	3.66	4.05	123	12.7	14
15	24.7	7.51	11.7	13.3	3.80	8.74	3.35	3.58	3.84	3.85	79.4	25.3	15
16	19.2	6.43	10.8	16.8	3.60	6.64	3.23	3.80	4.11	3.76	74.3	18.0	16
17	14.1	5.74B	13.1	25.8	4.24	5.03	3.29	3.83	3.88	4.50	99.9	13.1	17
18	10.2	5.21B	17.6	30.7	4.53	4.42	3.36	3.67	3.73	6.07	73.6	11.4	18
19	7.53	4.81B	16.3	27.5	3.75	4.09	3.54	3.29	3.83	5.64	47.6	9.93	19
20	5.96	4.99	14.8	23.7	3.39	3.80	3.56	3.10	3.71	5.06	31.8	7.37	20
21	6.01	4.83	14.2	19.6	3.47	3.63	3.69	3.18	3.69	8.19	21.9	6.54	21
22	7.81	4.58	12.9	16.4	6.25	3.46	3.70	3.26	3.58	7.23	24.6	6.12	22
23	8.59	4.64	11.3	15.2	4.77	3.01	3.75	3.29	3.47	6.50	180	5.28	23
24	8.42	5.44	9.65	15.6	3.96	2.72	3.68	3.63	3.49	10.8	218	4.78	24
25	19.4	6.14	8.86	14.0	2.96	2.58	3.70	3.54	3.59	62.4	108	4.33	25
26	19.1	6.58	7.93	12.1	2.87	2.44	3.72	3.41	3.62	30.1	55.3	4.03	26
27	13.6	6.60	7.52	10.2	4.23	2.56	3.63	3.69	3.65	22.5	32.7	3.85	27
28	14.1	6.78	7.07	8.53	4.89	3.12	3.74	3.66	3.60	28.6	26.2	3.60	28
29	14.1		8.57	9.73	4.28	3.92	3.80	3.68	3.45	28.3	103	3.39B	29
30	11.2		8.94	5.05	4.33	5.66	3.67	3.95	3.43	33.3	82.8	3.32B	30
31	9.36		9.14		4.23		3.72	4.08		19.6		3.23B	31
TOTAL	514.96	334.74	343.75	402.91	150.65	389.52	103.79	110.08	108.36	349.69	2 165.54	974.07	TOTAL
MEAN	16.6	12.0	11.1	13.4	4.86	13.0	3.35	3.55	3.61	11.3	72.2	31.4	MEAN
MAX	47.6	55.9	17.6	30.7	10.8	39.3	4.19	4.08	4.11	62.4	256	239	MAX
MIN	5.96	4.58	6.88	5.05	2.87	2.44	2.45	3.10	3.39	3.29	7.26	3.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 256 ON NOV 12
MINIMUM DAILY, 2.44 ON JUN 26
MAXIMUM INSTANTANEOUS,
277 AT 22:20 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 124 58 58 W
DRAINAGE AREA, 378 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 500	JUL	8 970
FEB	28 900	AUG	9 510
MAR	29 700	SEP	9 360
APR	34 800	OCT	30 200
MAY	13 000	NOV	187 000
JUN	33 700	DEC	84 200

TOTAL DISCHARGE, 514 000 dam³

ASHNOLA RIVER NEAR KEREMEOS - STATION NO. 08NL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.45	1.10 B	1.09B	2.07	8.16	50.0E	30.9	8.64	6.17	1.99	1.99	3.25	1
2	1.47	1.30 B	1.09B	2.40	9.13	44.0E	30.5	7.97	5.65	1.98	1.63	2.96	2
3	1.35 B	1.60 B	1.10B	2.78	11.1	46.0E	29.0	7.40	5.34	2.00	1.59	2.82	3
4	1.28 B	1.45 B	1.11B	2.93	13.0	48.0E	24.5	6.91	4.94	2.35	1.91	2.88	4
5	1.30 B	1.38 B	1.10B	3.11	20.0	44.0E	23.5	6.50	4.62	2.79	1.96	2.82	5
6	1.39	1.32 B	1.10B	3.50	27.4	40.2E	32.2	5.94	4.35	2.60	1.50	2.73	6
7	1.41	1.32 B	1.09B	3.96	19.4	39.7A	27.0	5.54	4.05	2.29	1.45	2.44	7
8	1.40	1.68 B	1.07B	4.43	17.0	38.2	24.0	5.21	3.88	2.22	1.93	2.31	8
9	1.36	1.60 B	1.04B	4.31	15.5	41.1	21.8	4.66	3.68	2.52	2.13	2.41	9
10	1.29	1.30 B	1.09B	3.84	14.5	75.9	20.1	4.76	3.52	2.14	2.99	2.39	10
11	1.22 B	1.10 B	1.02	3.77	15.3	59.2	19.1	4.73	3.40	2.10	4.19	2.40	11
12	1.30 B	0.924B	1.07	4.01	15.4	40.3	19.0	5.30	3.19	2.13	5.73	1.94	12
13	1.40 B	0.840B	1.01	4.20	15.4	37.8	18.5	4.78	3.06	2.12	5.15	1.77	13
14	1.35 B	0.780B	1.14	4.66	14.5	38.9	16.6	4.39	3.10	2.01	4.78	1.86B	14
15	1.29 B	0.840B	1.06	5.82	14.6	40.2	15.5	4.12	3.02	2.05	4.05	1.85B	15
16	1.25 B	0.760B	1.07	7.27	14.4	40.9	14.3	3.83	3.20	2.06	3.82	1.80B	16
17	1.20 B	0.710B	1.13	8.85	15.3	42.8	13.5	3.75	3.51	1.92	3.64	2.00B	17
18	1.22 B	0.770B	1.22	9.22	15.5	46.9	12.4	3.99	3.17	1.92	3.84	1.90D	18
19	1.23 B	0.820B	1.29	9.63	15.0	47.2	11.4	7.90	3.04	2.00	3.28	1.70B	19
20	1.20 B	0.880B	1.31	10.6	16.3	55.8	10.4	5.83	2.87	1.91	2.84	1.48D	20
21	1.68 B	0.960B	1.31	12.2	15.7	58.7	9.60	5.33	2.81	1.80	2.58	1.55B	21
22	1.62 B	1.06 B	1.34	13.1	17.6	60.0	8.93	7.48	2.68	1.83	2.81	1.72D	22
23	1.50 B	1.15 B	1.31	12.0	22.1	62.8	10.7	7.28	2.58	1.80	2.85	1.68D	23
24	1.42 B	1.26 B	1.11	11.4	21.2 E	63.6	13.9	6.47	2.52	1.77	4.37	2.05B	24
25	1.32 B	1.21 B	1.17	10.5	20.8 E	51.6	17.3	7.79	2.39	1.80	5.13	2.18B	25
26	1.30 B	1.14 B	1.25	9.44	21.8 E	43.4	19.1	8.55	2.31	1.85	3.54	2.35B	26
27	1.42 B	1.09 B	1.28	8.73	26.0 E	39.9	14.0	7.35	2.22	1.88	3.67	2.50B	27
28	1.25 B	1.09 B	1.28	8.39	39.0 E	36.6	11.6	6.36	2.17	1.90	3.75	2.25B	28
29	1.10 B		1.34	7.91	53.0 E	35.0	10.2	5.66	2.11	1.95	3.89	2.10E	29
30	0.950B		1.45	7.50	52.0 E	33.7	9.70	7.58	2.01	1.95	3.51	2.20B	30
31	0.860B		1.71		56.0 E		9.64	7.11		2.03		2.28B	31
TOTAL	40.780	31.434	36.75	202.53	651.89	1 402.4	548.87	191.10	101.56	63.35	94.50	68.57	TOTAL
MEAN	1.32	1.12	1.19	6.75	21.0	46.7	17.7	6.16	3.39	2.04	3.15	2.21	MEAN
MAX	1.68	1.68	1.71	13.1	56.0	75.9	32.2	8.64	6.17	5.79	5.73	3.25	MAX
MIN	0.860	0.710	1.01	2.07	8.16	33.7	8.93	3.75	2.01	1.77	1.45	1.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.41
MAXIMUM DAILY, 75.9 ON JUN 10
MINIMUM DAILY, 0.710B ON FEB 17
MAXIMUM INSTANTANEOUS,
89.9 AT 11:01 PST ON JUN 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 33 N
LONG 119 55 23 W
DRAINAGE AREA, 1 050 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 520	JUL	47 400
FEB	2 720	AUG	16 500
MAR	3 180	SEP	8 770
APR	17 500	OCT	5 470
MAY	56 300	NOV	8 160
JUN	121 000	DEC	5 920

TOTAL DISCHARGE, 296 000 dam³

ATLIN LAKE AT ATLIN - STATION NO. 09AA001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.661E	1.457E	1.315E	1.230E	1.183	1.497	2.154	2.786	3.182	3.009E	2.314A	1.842E	1
2	1.653E	1.451A	1.311A	1.225E	1.188	1.535	2.181	2.796	3.168	2.984E	2.294A	1.835E	2
3	1.646E	1.448E	1.311E	1.219A	1.191	1.567	2.209	2.810	3.154	2.960E	2.264A	1.829E	3
4	1.638E	1.445E	1.311E	1.216E	1.191	1.594	2.243	2.833	3.144	2.932E	2.254A	1.823E	4
5	1.631A	1.442E	1.311E	1.213E	1.192	1.620	2.267	2.856	3.141	2.907E	2.234A	1.817E	5
6	1.628E	1.440E	1.311E	1.211A	1.192	1.648	2.294	2.872	3.138	2.881E	2.204A	1.810E	6
7	1.626E	1.437E	1.311E	1.208E	1.196	1.675	2.322	2.887	3.135	2.855E	2.194A	1.804A	7
8	1.621A	1.434E	1.311E	1.205E	1.195	1.705	2.348	2.896	3.137	2.830E	2.174A	1.794E	8
9	1.618E	1.431A	1.311A	1.202E	1.197	1.731	2.369	2.910	3.144	2.804E	2.144A	1.784E	9
10	1.612E	1.425E	1.308E	1.200E	1.202	1.758	2.390	2.936	3.151	2.779E	2.128E	1.774E	10
11	1.607E	1.420E	1.305E	1.197E	1.206	1.779	2.415	2.961	3.158	2.753A	2.113E	1.764E	11
12	1.601A	1.414E	1.302E	1.194E	1.214	1.799	2.435	2.993	3.160	2.744A	2.097E	1.754E	12
13	1.594E	1.408E	1.300E	1.191A	1.220	1.820	2.450	3.023	3.161	2.744A	2.081E	1.744E	13
14	1.588E	1.402E	1.297E	1.188E	1.228	1.843	2.464	3.045	3.164	2.724A	2.065E	1.734E	14
15	1.581E	1.397E	1.294E	1.185E	1.236	1.868	2.475	3.064	3.157	2.704A	2.050E	1.724A	15
16	1.574E	1.391A	1.291A	1.182E	1.248	1.891	2.481	3.083	3.157	2.654A	2.034A	1.719E	16
17	1.568E	1.384E	1.287E	1.180E	1.260	1.907	2.487	3.107	3.162	2.634A	2.020E	1.714E	17
18	1.561A	1.377E	1.282E	1.177E	1.271	1.925	2.499	3.124	3.176	2.604A	2.005E	1.709E	18
19	1.552E	1.370E	1.278E	1.174E	1.280	1.943	2.515	3.147	3.190	2.584A	1.991E	1.704E	19
20	1.544E	1.362E	1.274E	1.171A	1.297	1.960	2.536	3.173	3.213	2.559E	1.977E	1.699E	20
21	1.535E	1.355E	1.270E	1.173E	1.309	1.976	2.559	3.188	3.211	2.534A	1.963E	1.694A	21
22	1.526E	1.348E	1.265E	1.175E	1.324	1.992	2.586	3.195	3.193	2.514A	1.948E	1.687E	22
23	1.517E	1.341A	1.261A	1.176E	1.334	2.007	2.605	3.199	3.158	2.494A	1.934A	1.680E	23
24	1.509E	1.332E	1.258E	1.178E	1.340	2.021	2.626	3.192	3.120	2.474E	1.921E	1.673E	24
25	1.500E	1.332E	1.255E	1.180E	1.348	2.035	2.650	3.186	3.091	2.454A	1.907E	1.665E	25
26	1.491A	1.328E	1.252E	1.182E	1.361	2.053	2.669	3.181	3.084	2.434A	1.894E	1.658E	26
27	1.485E	1.324E	1.250E	1.183E	1.372	2.064	2.680	3.184	3.080	2.414A	1.880E	1.651E	27
28	1.480E	1.320E	1.247E	1.185A	1.384	2.079	2.685	3.192	3.086A	2.394A	1.867E	1.644A	28
29	1.474E		1.244E	1.180	1.403	2.097	2.709	3.205	3.060E	2.384A	1.854A	1.634E	29
30	1.468E		1.241A	1.182	1.426	2.121	2.742	3.202	3.035E	2.354A	1.848E	1.624E	30
31	1.462E		1.236E		1.459		2.765	3.192		2.334A		1.614E	31
MEAN	1.566	1.394	1.284	1.192	1.272	1.850	2.478	3.046	3.144	2.659	2.055	1.729	MEAN
MAX	1.661	1.457	1.315	1.230	1.459	2.121	2.765	3.205	3.213	3.009	2.314	1.842	MAX
MIN	1.462	1.320	1.236	1.171	1.183	1.497	2.154	2.786	3.035	2.334	1.848	1.614	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 1.976
MAXIMUM DAILY, 3.213 ON SEP 20
MINIMUM DAILY, 1.171A ON APR 20
MAXIMUM INSTANTANEOUS,
3.239 AT 20:06 PST ON SEP 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 34 30 N
LONG 133 42 31 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 665.903 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

ATLIN RIVER NEAR ATLIN - STATION NO. 09AA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.1E	56.1E	43.4E	37.1E	33.8	59.7	129	223	290	261E	150 A	93.2E	1
2	74.3E	55.6A	43.0A	36.8E	34.2	63.1	133	224	288	256E	147 A	92.5E	2
3	73.6E	55.3E	43.0E	36.3A	34.4	66.0	136	227	285	252E	143 A	91.9E	3
4	72.8E	55.1E	43.0E	36.1E	34.4	68.4	141	231	284	247E	142 A	91.3E	4
5	72.1A	54.8E	43.0E	35.9E	34.4	71.0	144	234	283	243E	139 A	90.7E	5
6	71.8E	54.6E	43.0E	35.8A	34.4	73.8	147	237	282	239E	136 A	90.0E	6
7	71.6E	54.3E	43.0E	35.6E	34.7	76.5	151	240	282	234E	134 A	89.4A	7
8	71.3A	54.1E	43.0E	35.4E	34.7	79.5	155	241	282	230E	132 A	88.4E	8
9	70.8E	53.8A	43.0A	35.1E	34.8	82.1	158	244	283	226E	128 A	87.4E	9
10	70.2E	53.3E	42.7E	35.0E	35.2	84.8	162	248	285	222E	126 E	86.4E	10
11	69.7E	52.8E	42.5E	34.8E	35.5	86.9	165	252	286	217A	124 E	85.4E	11
12	69.1A	52.3E	42.2E	34.6E	36.0	88.9	168	258	286	216A	122 E	84.4E	12
13	68.5E	51.7E	42.0E	34.4A	36.4	91.0	171	263	286	216A	120 E	83.4E	13
14	67.9E	51.2E	41.8E	34.2E	37.0	93.3	173	267	287	213A	118 E	82.4E	14
15	67.3E	50.7E	41.6E	34.0E	37.5	95.8	174	270	286	210A	116 E	81.4A	15
16	66.7E	50.2A	41.4A	33.7E	38.3	98.1	175	273	286	202A	114 A	80.9E	16
17	66.1E	49.6E	41.1E	33.6E	39.2	99.7	176	277	287	198A	112 E	80.2E	17
18	65.5A	48.9E	40.7E	33.4E	40.0	102	178	280	289	194A	111 E	79.9E	18
19	64.7E	48.3E	40.5E	33.2E	40.6	104	180	284	291	191A	109 E	79.4E	19
20	64.0E	47.6E	40.2E	33.0A	41.8	106	183	288	295	187E	107 E	78.9E	20
21	63.2E	47.0E	39.9E	33.1E	42.8	107	187	291	295	183A	106 E	78.4A	21
22	62.3E	46.3E	39.6E	33.3E	44.1	109	191	292	292	180A	104 E	77.7E	22
23	61.5E	45.7A	39.3A	33.3E	45.0	111	194	293	286	177A	103 A	77.0E	23
24	60.8E	45.3E	39.1E	33.5E	45.6	113	197	292	279	174E	101 E	76.3E	24
25	60.0E	44.9E	38.9E	33.6E	46.3	114	201	291	275	171A	99.8E	75.5E	25
26	59.2A	44.5E	38.6E	33.7E	47.5	116	204	290	273	168A	98.4E	74.8E	26
27	58.7E	44.2E	38.5E	33.8E	48.5	118	206	290	273	165A	97.0E	74.1E	27
28	58.2E	43.8E	38.3E	34.0A	49.5	120	207	292	274A	162A	95.7E	73.4A	28
29	57.7E		38.1E	33.9	51.3	122	210	294	269E	161A	94.4A	72.4E	29
30	57.1E		37.9A	33.7	52.3	125	216	293	265E	156A	93.8E	71.4E	30
31	56.6E		37.5E		56.3		219	292		153A		70.4E	31
TOTAL	2 048.4	1 412.0	1 269.8	1 033.6	1 257.5	2 845.6	5 431	8 271	8 504	6 304	3 523.1	2 539.1	TOTAL
MEAN	66.1	50.4	41.0	34.5	40.6	94.9	175	267	283	203	117	81.9	MEAN
MAX	72.1	56.1	43.4	37.1	56.3	125	219	294	295	261	150	93.2	MAX
MIN	56.6	43.8	37.5	33.0	33.8	59.7	129	223	265	153	93.8	70.4	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 122
MAXIMUM DAILY, 295 ON SEP 20
MINIMUM DAILY, 33.0A ON APR 20
MAXIMUM INSTANTANEOUS,
300 AT 20:06 PST ON SEP 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 57 N
LONG 133 48 48 W
DRAINAGE AREA, 6 810 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	177 000	JUL	469 000
FEB	122 000	AUG	715 000
MAR	110 000	SEP	735 000
APR	89 300	OCT	545 000
MAY	109 000	NOV	304 000
JUN	246 000	DEC	219 000

TOTAL DISCHARGE, 3 840 000 dam³

ATNARKO RIVER NEAR THE MOUTH - STATION NO. 08FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.7	9.80B	9.11	10.8	33.0	99.6	56.3	29.5	14.8	10.1	12.2	20.9	1
2	16.7	9.70B	8.92	11.3	41.8	101	51.6	27.8	14.1	10.3	12.0	20.3	2
3	16.9	9.80B	8.88	11.7	50.6	96.9	48.9	27.5	13.4	10.2	12.2	20.4	3
4	16.5	10.0 B	9.10	12.1	64.4	87.0	47.5	26.9	13.5	10.6	12.4	23.3	4
5	16.8	10.4 B	9.31	12.5	74.1	79.1	47.1	26.4	13.2	11.8	12.2	23.9	5
6	17.6	10.6 B	8.95	13.2	71.9	74.9	58.0	25.9	12.9	11.1	11.6	23.0	6
7	17.9	11.0 B	8.97	14.0	60.5	93.9	55.7	24.7	13.1	10.7	12.1	22.5	7
8	17.6	11.1 B	8.84	14.9	55.9	84.0	52.1	24.3	13.3	10.6	11.6	24.9	8
9	17.4	12.1	9.10	14.5	59.7	74.9	47.7	24.1	12.8	10.7	11.3	24.9	9
10	16.8	12.2	8.86	13.9	61.0	100	44.6	24.5	12.5	10.5	11.0	23.5	10
11	15.5	11.0 B	8.62	13.7	65.3	98.9	45.5	24.4	12.8	10.3	12.1	23.2	11
12	14.5B	10.7 B	8.51	15.0	67.8	80.8	45.2	24.3	12.3	10.4	26.1	22.2	12
13	14.2B	9.00B	8.48	16.7	67.2	79.3	44.6	24.1	12.2	10.2	34.5	21.2	13
14	14.9	9.40B	8.57	19.1	66.1	78.3	41.4	23.4	11.8	9.84	30.2	21.0	14
15	14.8	8.70B	8.37	22.3	70.3	78.3	40.4	22.7	12.1	9.36	28.2	20.2	15
16	14.5	8.20B	8.48	25.5	72.8	74.1	39.7	22.5	12.1	9.23	28.2	19.7	16
17	13.5	8.20B	8.83	30.2	74.7	67.6	36.6	22.3	11.8	9.06	27.4	19.3	17
18	13.5	8.30B	9.15	32.7	80.2	69.0	34.5	21.3	11.4	9.16	26.9	17.0B	18
19	13.7	8.80B	9.42	33.2	77.3	73.9	33.0	21.5	11.1	9.02	26.1	15.5B	19
20	13.4	9.20B	9.66	35.7	71.3	71.9	31.6	21.2	10.9	8.81	24.2	15.5B	20
21	13.2	9.50B	9.95	36.4	68.3	68.3	31.4	20.5	11.3	9.00	23.3	15.6B	21
22	13.0	9.70B	9.67	37.7	69.3	72.7	31.0	19.5	10.9	8.89	23.4	15.7B	22
23	12.8	9.77	9.41	39.6	72.3	71.2	30.7	18.8	11.4	8.87	22.7B	15.8B	23
24	12.8	9.62	9.30	39.7	68.9	65.4	31.5	18.8	11.3	12.2	22.0B	15.9B	24
25	13.4	9.75	9.26	37.4	69.0	64.6	34.0	18.3	11.2	13.2	21.6B	16.0B	25
26	13.4	9.41	9.14	35.6	74.5	64.9	33.2	17.5	10.7	13.5	21.1B	16.0B	26
27	13.1	9.39	9.13	34.5	90.0	61.7	31.4	16.6	10.3	13.1	21.0B	15.5B	27
28	13.2	9.18	9.18	32.8	117	59.5	30.1	16.1	10.2	13.1	21.8	15.1B	28
29	12.9		9.69	30.8	111	59.5	29.8	15.9	10.5	12.9	21.9	15.0B	29
30	12.3		9.96	30.4	104	59.5	30.8	15.6	10.1	12.8	21.4	15.0B	30
31	10.2B		10.4		102		30.9	15.6		13.0		14.9B	31
TOTAL	454.7	274.52	283.22	727.9	2 232.1	2 310.3	1 246.8	683.5	360.0	333.94	602.7	592.9	TOTAL
MEAN	14.7	9.80	9.14	24.3	72.0	77.0	40.2	22.0	12.0	10.8	20.1	19.1	MEAN
MAX	17.9	12.2	10.4	39.7	117	101	58.0	29.5	14.8	13.5	34.5	24.9	MAX
MIN	10.2	8.20	8.37	10.8	33.0	59.5	29.8	15.6	10.1	8.81	11.0	14.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.7
MAXIMUM DAILY, 117 ON MAY 28
MINIMUM DAILY, 8.20B ON FEB 16
MAXIMUM INSTANTANEOUS,
127 AT 21:32 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 39 N
LONG 126 00 10 W
DRAINAGE AREA, 2 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 300	JUL	108 000
FEB	23 700	AUG	59 100
MAR	24 500	SEP	31 100
APR	62 900	OCT	28 900
MAY	193 000	NOV	52 100
JUN	200 000	DEC	51 200

TOTAL DISCHARGE, 874 000 dam³

B.X. CREEK ABOVE VERNON INTAKE - STATION NO. 08NM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.046A	0.041A	0.046A	0.463	0.636	1.76	0.512	0.164	0.119	0.016A	0.028	0.039	1
2	0.024A	0.040A	0.048A	0.601	0.654	1.87	0.590	0.173	0.107	0.016	0.022	0.038	2
3	0.048A	0.040A	0.048A	0.630	0.667	1.97	0.614	0.165	0.094	0.020	0.024	0.039	3
4	0.046A	0.040A	0.051A	0.559	0.740	4.26	0.454	0.157	0.080	0.021	0.024	0.038	4
5	0.046A	0.042	0.047	0.538	0.912	2.79	0.462	0.154	0.070	0.021	0.023	0.040	5
6	0.045A	0.043	0.051	0.535	0.954	2.22	0.758	0.149	0.062	0.023	0.024	0.036	6
7	0.051A	0.043	0.061	0.556	0.902	2.86	0.631	0.145	0.049	0.019	0.026	0.036	7
8	0.050A	0.042	0.098	0.548	0.836	2.28	0.550	0.144	0.045	0.021	0.027	0.040	8
9	0.055A	0.041	0.091	0.514	0.776	2.13	0.458	0.149	0.037	0.020	0.035	0.042	9
10	0.052A	0.042	0.080	0.466	0.745	2.67	0.413	0.143	0.030	0.024	0.120	0.041	10
11	0.012A	0.043A	0.073	0.425	0.747	2.95	0.390	0.140	0.025	0.024	0.152	0.039	11
12	0.054A	0.041A	0.070	0.430	0.733	3.98	0.363	0.139	0.020	0.024	0.113	0.040	12
13	0.046A	0.042A	0.072	0.432	0.708	3.61	0.326	0.137	0.016	0.025	0.101	0.035	13
14	0.046A	0.037A	0.074	0.460	0.734	3.46	0.305	0.135	0.017	0.022	0.085	0.032	14
15	0.044	0.036A	0.070	0.505	0.689	3.40	0.288	0.133	0.016	0.018	0.070	0.036	15
16	0.044	0.036A	0.076	0.533	0.647	3.39	0.262	0.130	0.041	0.019	0.062	0.025	16
17	0.042	0.032A	0.087	0.591	0.646	2.73	0.238	0.131	0.038	0.021	0.055	0.025B	17
18	0.030	0.029A	0.146	0.656	0.677	1.67	0.216	0.133	0.029	0.023	0.051	0.025B	18
19	0.029	0.031A	0.208	0.686	0.656	1.62	0.199	0.132	0.027	0.022	0.049	0.025B	19
20	0.028	0.038A	0.271	0.753	0.651	1.61	0.190	0.130	0.022A	0.020	0.048	0.024B	20
21	0.025	0.035A	0.303	0.838	0.633	1.42	0.183	0.131	0.019A	0.028	0.047	0.024A	21
22	0.028	0.035A	0.256	0.890	0.763	1.24	0.179	0.130	0.019A	0.038	0.046	0.024A	22
23	0.032	0.030A	0.204	0.992	0.969	1.11	0.176	0.132	0.018A	0.031	0.051	0.024A	23
24	0.035	0.046A	0.179	0.991	1.13	0.970	0.173	0.133	0.017A	0.026	0.064	0.031A	24
25	0.039	0.043A	0.166	0.893	1.63	0.852	0.175	0.135	0.016A	0.028	0.053	0.031A	25
26	0.040	0.041A	0.161	0.890	1.51	0.773	0.175	0.135	0.016A	0.033	0.036	0.033A	26
27	0.038	0.043A	0.171	0.841	1.26	0.722	0.169	0.132	0.016A	0.032	0.036	0.033A	27
28	0.039	0.046A	0.184	0.757	1.22	0.775	0.168	0.129	0.016A	0.030	0.037	0.031A	28
29	0.039		0.203	0.684	1.92	0.607	0.170	0.131	0.016A	0.031	0.032	0.030A	29
30	0.037		0.270	0.643	2.09	0.546	0.171	0.172	0.014A	0.026	0.039	0.027A	30
31	0.038A		0.370		1.83		0.184	0.132		0.029		0.027A	31
TOTAL	1.228	1.106	4.235	19.300	29.665	61.845	10.139	4.383	1.111	0.755	1.580	1.010	TOTAL
MEAN	0.040	0.040	0.137	0.643	0.957	2.06	0.327	0.141	0.037	0.024	0.053	0.033	MEAN
MAX	0.055	0.046	0.370	0.992	2.09	4.26	0.758	0.173	0.119	0.038	0.152	0.042	MAX
MIN	0.012	0.029	0.046	0.425	0.633	0.546	0.168	0.129	0.014	0.016	0.022	0.024	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.374
MAXIMUM DAILY, 4.26 ON JUN 04
MINIMUM DAILY, 0.012A ON JAN 11
MAXIMUM INSTANTANEOUS,
5.74 AT 03:28 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 03 N
LONG 119 12 30 W
DRAINAGE AREA, 55.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	106	JUL	876
FEB	95.6	AUG	379
MAR	366	SEP	96.0
APR	1 670	OCT	65.2
MAY	2 560	NOV	137
JUN	5 340	DEC	87.3

TOTAL DISCHARGE, 11 800 dam³

BABINE LAKE AT TOPLEY LANDING - STATION NO. 08EC003

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.786	0.792	---	---	---	---	---	---	---	---	0.925	---	1
2	---	---	---	0.804	---	1.812	1.885	1.544	---	---	---	---	2
3	---	---	---	---	1.160	---	---	---	1.224	---	---	---	3
4	---	---	---	---	---	1.868	---	---	---	1.009	---	---	4
5	---	0.794	0.784	0.810	---	---	---	---	---	---	0.919	---	5
6	---	---	---	---	1.270	---	---	1.489	---	---	---	0.855	6
7	---	---	---	---	1.298	1.934	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	0.893	---	8
9	---	---	---	---	1.356	1.956	1.864	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	1.168	---	---	---	10
11	0.783	---	---	---	1.418	1.976	---	1.433	---	---	---	---	11
12	---	0.780	0.784	0.826	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	1.997	---	1.399	---	---	---	---	13
14	---	---	---	---	1.488	---	---	---	---	---	---	---	14
15	0.783	---	---	---	---	---	---	---	---	0.977	---	0.833	15
16	---	---	---	0.843	---	1.993	1.790	---	---	---	0.883	---	16
17	0.802	---	---	---	1.538	---	---	---	1.120	0.963	---	0.841	17
18	---	---	---	---	---	1.989	---	---	---	0.973	---	---	18
19	---	---	0.801	0.870	1.578	---	---	---	---	---	0.873	---	19
20	0.788	---	---	---	---	---	---	1.365	---	---	---	---	20
21	---	---	---	0.898	1.604	1.959	---	---	---	---	---	---	21
22	0.788	0.782	0.800	---	---	---	---	---	---	0.961	---	---	22
23	---	---	---	0.940	---	1.939	1.692	---	---	---	---	---	23
24	---	---	---	---	1.642	---	---	---	1.064	---	---	0.821	24
25	---	---	---	---	---	1.923	---	---	---	---	---	---	25
26	---	0.784	0.800	---	1.660	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	1.295	---	---	---	0.821	27
28	---	---	---	1.066	1.676	1.895	---	---	---	---	---	---	28
29	---		0.802	---	---	---	---	---	---	---	---	---	29
30	---		---	1.100	---	---	1.590	---	---	---	0.857	---	30
31	---		---		1.748		---			---		0.823	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.997 ON JUN 13
MINIMUM DAILY, 0.780 ON FEB 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 48 35 N
LONG 126 08 20 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 709.523 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

BABINE RIVER AT BABINE - STATION NO. 08EC001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.576	---	0.583	0.608	0.904	1.543	1.649	1.278	0.989	0.785	0.692	0.609	1
2	0.574	---	0.585	0.606	0.933	1.578	1.636	1.271	0.972	0.783	0.691	0.605	2
3	0.575	---	0.582	0.601	0.959	1.608	1.630	1.266	0.958	0.778	0.701	0.608	3
4	0.574	---	0.583	0.603	0.992	1.638	1.632	1.254	0.950	0.770	0.687	0.607	4
5	0.573	---	0.583	0.603	1.022	1.654	1.619	1.246	0.944	0.784	0.679	0.596	5
6	0.575	---	0.584	0.606	1.054	1.674	1.611	1.241	0.937	0.783	0.694	0.598	6
7	0.577	---	0.586	0.603	1.078	1.683	1.608	1.218	0.934	0.783	0.694	0.608	7
8	0.575	---	0.586	0.607	1.105	1.702	1.599	1.204	0.928	0.792	0.680	0.615	8
9	0.577	---	0.586	0.616	1.132	1.701	1.603	1.185	0.919	0.771	0.681	0.626	9
10	0.579	---	0.586	0.616	1.160	1.700	1.594	1.174	0.913	0.766	0.666	0.617	10
11	0.580	---	0.586	0.620	1.186	1.711	1.575	1.164	0.905	0.784	0.676	0.618A	11
12	0.582	---	0.588	0.623	1.212	1.724	1.572	1.157	0.899	0.784	0.673	---	12
13	0.583	---	0.585	0.625	1.226	1.737	1.537	1.150	0.892	0.762	0.675	0.608A	13
14	0.584	---	0.592	0.628	1.246	1.734	1.530	1.155	0.886	0.753	0.665	---	14
15	0.585	---	0.593	0.629	1.267	1.727	1.517	1.149	0.881	0.749	0.670	---	15
16	0.587	---	0.593	0.634	1.291	1.715	1.494	1.144	0.868	0.744	0.673	---	16
17	0.588A	---	0.597	0.640	1.307	1.715	1.485	1.135	0.860	0.747	0.655	---	17
18	---	---	0.598	0.652	1.324	1.706	1.478	1.122	0.857	0.739	0.659	---	18
19	---	---	0.601	0.659	1.337	1.702	1.471	1.110	0.850	0.727	0.653	---	19
20	---	---	0.599	0.675	1.348	1.701	1.459	1.093	0.844	0.737	0.655	---	20
21	---	---	0.594	0.689	1.367	1.703	1.447	1.081	0.841	0.739	0.652	---	21
22	---	0.566A	0.593	0.706	1.380	1.694	1.432	1.056	0.843	0.732	0.645	---	22
23	---	0.560	0.597	0.726	1.384	1.678	1.420	1.070	0.839	0.762	0.650	---	23
24	---	0.575	0.597	0.755	1.388	1.666	1.406	1.066	0.835	0.737	0.630	---	24
25	---	0.580	0.597	0.779	1.396	1.653	1.388	1.050	0.814	0.708	0.628	---	25
26	---	0.584	0.603	0.807	1.411	1.654	1.359	1.044	0.808	0.725	0.625	---	26
27	---	0.586	0.601	0.826	1.429	1.651	1.347	1.032	0.806	0.721	0.622	---	27
28	---	0.585	0.598	0.843	1.450	1.641	1.341	1.023	0.816	0.716	0.623	---	28
29	---		0.598	0.866	1.479	1.636	1.330	1.015	0.807	0.711	0.619	---	29
30	---		0.601	0.884	1.497	1.639	1.322	1.008	0.788	0.722	0.616	---	30
31	---		0.600		1.512		1.298	0.998		0.698		---	31
MEAN	---	---	0.592	0.678	1.251	1.676	1.496	1.134	0.880	0.751	0.661	---	MEAN
MAX	---	---	0.603	0.884	1.512	1.737	1.649	1.278	0.989	0.792	0.701	---	MAX
MIN	---	---	0.582	0.601	0.904	1.543	1.298	0.998	0.788	0.698	0.616	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.737 ON JUN 13

MAXIMUM INSTANTANEOUS,
1.755 AT 19:13 PST ON JUN 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 25 N
LONG 126 37 40 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

DRAINAGE AREA,
6 480 km²

BABINE RIVER AT OUTLET OF NILKITKWA LAKE - STATION NO. 08EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8	19.0	18.3	19.9	52.5	131	131	77.5	47.4	30.5	26.3	22.3B	1
2	19.3	19.0	18.3	20.2	55.9	131	130	76.2	46.3	29.8	26.0	22.3B	2
3	19.3	19.1	18.3	20.2	59.8	134	127	75.7	45.0	29.1	26.4	22.4	3
4	19.4	19.5	18.3	20.2	65.1	144	125	75.0	44.2	28.8	26.2	23.5	4
5	20.0	19.3	18.5	20.1	69.1	136	123	74.0	43.5	29.9	25.1	23.0	5
6	20.3	19.4	18.8	20.3	73.3	136	122	73.5	43.0	30.0	25.2	22.9	6
7	20.2	19.4	18.6	20.8	73.6	135	120	71.4	42.7	29.8	26.0	23.6	7
8	20.2	19.1	18.4	20.7	74.7	136	118	69.9	42.6	30.4	25.6	23.5	8
9	20.0	19.2	18.5	21.0	76.4	134	118	68.2	41.5	29.9	25.8	22.9	9
10	19.5	19.1	18.5	21.4	79.1	134	117	66.9	41.1	29.6	25.1	22.3	10
11	19.2	19.2	18.6	21.3	81.4	135	114	65.8	40.2	30.1	24.8	22.0	11
12	19.1	18.9	18.7	21.2	82.7	137	113	64.6	39.7	30.8	24.9	21.9	12
13	19.2	18.9	19.0	21.3	83.0	138	110	63.9	39.8	29.9	25.1	21.8	13
14	19.2	18.9	19.1	21.9	84.1	138	108	64.5	38.6	29.2	24.9	21.8	14
15	19.1	19.0	19.0	22.9	86.4	136	106	64.9	38.3	28.7	24.4	21.6	15
16	18.9	18.9	19.2	24.4	88.8	134	102	64.3	39.0	28.0	25.1	20.9	16
17	18.9	18.9	19.2	25.2	91.8	132	101	62.8	37.1	28.6	24.4	21.0	17
18	19.0	18.8	19.1	27.0	94.0	131	100	61.1	36.8	28.6	23.7	20.6	18
19	19.1	18.9	19.3	29.3	95.1	130	99.2	59.8	35.4	27.4	23.6	20.4	19
20	19.3	19.2	19.7	32.3	94.9	129	98.0	58.3	35.4	27.5	23.3	20.1	20
21	19.5	19.2	19.2	35.4	97.8	131	96.6	56.7	35.7	28.9	23.3	20.0	21
22	19.5	18.8	19.0	38.7	98.6	130	94.4	53.9	34.1	28.0	23.2B	20.1	22
23	19.5	18.7	19.1	40.9	98.1	128	93.4	54.3	34.4	29.2	23.0B	20.1	23
24	19.5	18.8	19.2	43.0	98.6	125	92.5	55.0	33.3	30.3	22.7B	19.9	24
25	19.7	18.6	19.1	44.6	99.1	123	90.4	53.6	32.5	28.1	22.5	19.9	25
26	19.5	18.3	19.2	46.9	102	126	87.2	52.5	31.3	28.2	22.5	19.8B	26
27	19.6	18.4	19.1	47.6	107	128	85.0	51.2	34.4	28.7	22.4B	19.8B	27
28	19.4	18.4	19.3	47.3	113	125	84.3	50.6	32.4	28.1	22.3B	19.8B	28
29	19.4		19.4	48.6	120	124	83.6	50.1	31.8	27.8	22.3B	19.7B	29
30	19.4		19.6	50.5	120	125	82.3	49.2	30.4	28.0		19.7B	30
31	19.3		19.7		125		80.5	48.6		27.5		19.7B	31
TOTAL	603.0	530.9	587.0	895.1	2 740.9	3 958	3 252.4	1 934.1	1 149.9	899.4	728.4	659.3	TOTAL
MEAN	19.5	19.0	18.9	29.8	88.4	132	105	62.4	38.3	29.0	24.3	21.3	MEAN
MAX	20.3	19.5	19.7	50.5	125	144	131	77.5	47.4	30.8	26.4	23.6	MAX
MIN	18.9	18.3	18.2	19.9	52.5	123	80.5	48.6	30.4	27.4	22.3	19.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.1
MAXIMUM DAILY, 144 ON JUN 04
MINIMUM DAILY, 18.2 ON MAR 09
MAXIMUM INSTANTANEOUS,
146 AT 06:10 PST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 30 N
LONG 126 42 10 W
DRAINAGE AREA, 6 790 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 100	JUL	281 000
FEB	45 900	AUG	167 000
MAR	50 700	SEP	99 400
APR	77 300	OCT	77 700
MAY	237 000	NOV	62 900
JUN	342 000	DEC	57 000

TOTAL DISCHARGE, 1 550 000 dam³

BAEZAEKO RIVER AT LOT 10262 - STATION NO. 08KG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.820B	0.612B	0.740B	0.800B	4.62	9.11	4.53	2.01	2.69	1.09	1.21	0.965B	1
2	0.825B	0.628B	0.742B	0.835B	5.25	7.79	4.44	1.84	2.81	1.11	0.910B	0.960B	2
3	0.835B	0.655B	0.733B	0.900B	5.85	6.96	5.30	1.82	2.52	1.20	1.04 B	0.965B	3
4	0.845B	0.673B	0.728B	0.945B	5.82	6.93	7.88	1.88	2.09	1.62	1.10 B	0.970B	4
5	0.850B	0.680B	0.710B	1.00 B	5.75	6.98	8.01	1.73	1.76	2.08	0.910B	0.988B	5
6	0.855B	0.673B	0.695B	1.10 B	5.51	6.66	6.65	1.54	1.62	2.01	0.800B	0.998B	6
7	0.840B	0.668B	0.679B	1.19 B	5.18	6.32	6.72	1.47	1.51	1.84	0.880B	1.00 B	7
8	0.807B	0.655B	0.665B	1.29 B	4.77	6.22	7.22	1.48	1.40	1.78	1.00 B	0.996B	8
9	0.763B	0.655B	0.660B	1.42 B	4.59	6.27	7.91	1.37	1.30	1.75	1.13 B	0.980B	9
10	0.725B	0.659B	0.663B	1.65 B	5.09	6.90	8.29	1.37	1.26	1.76	1.08 B	0.940B	10
11	0.707B	0.660B	0.680B	1.94 B	5.63	8.92	6.80	1.36	1.23	1.69	1.00 B	0.940B	11
12	0.720B	0.642B	0.705B	2.22 B	5.78	10.2	5.52	1.22	1.22	1.66	1.12 B	0.941B	12
13	0.725B	0.620B	0.730B	2.58 B	5.40	11.0	4.89	1.18	1.18	1.54	1.19 B	0.942B	13
14	0.730B	0.630B	0.750B	3.05 B	4.90	12.4	4.35	1.18	1.17	1.37	1.20 B	0.944B	14
15	0.725B	0.645B	0.780B	3.43 B	4.54	11.2	3.95	1.20	1.18	1.02	1.18 B	0.942B	15
16	0.718B	0.650B	0.795B	3.95 B	4.41	9.29	3.72	1.22	1.16	1.18	1.16 B	0.930B	16
17	0.702B	0.610B	0.812B	4.40 B	5.34	7.80	3.50	1.33	1.13	1.07	1.12 B	0.910B	17
18	0.698B	0.595B	0.820B	4.82	6.77	6.79	3.54	1.45	1.18	1.12	1.13 B	0.880B	18
19	0.690B	0.618B	0.820B	5.02	7.18	6.13	3.60	1.31	1.22	1.05	1.11 B	0.848B	19
20	0.695B	0.650B	0.810B	5.39	7.00	6.13	3.29	1.31	1.21	0.925	1.08 B	0.810B	20
21	0.712B	0.675B	0.800B	5.61	6.97	5.79	2.97	1.24	1.14	1.03	1.08 B	0.800B	21
22	0.720B	0.700B	0.795B	5.87	7.67	5.17	2.71	1.22	1.11	0.936	1.09 B	0.820B	22
23	0.738B	0.712B	0.785B	6.48	7.73	4.63	2.56	1.16	1.10	0.997	1.08 B	0.840B	23
24	0.740B	0.730B	0.790B	7.50	7.75	4.27	2.51	1.28	1.07	1.11	1.05 B	0.855B	24
25	0.737B	0.730B	0.790B	7.47	7.33	4.03	2.72	1.44	1.05	1.29	1.02 B	0.870B	25
26	0.727B	0.728B	0.782B	6.64	6.82	4.43	2.81	1.31	1.05	1.27	1.03 B	0.880B	26
27	0.720B	0.728B	0.770B	6.39	6.89	4.72	2.45	1.19	1.07	1.16	1.03 B	0.850B	27
28	0.707B	0.730B	0.763B	5.80	6.71	4.41	2.22	1.16	1.09	1.04	1.02 B	0.810B	28
29	0.662B		0.760B	5.10	7.45	4.66	2.07	1.12	1.08	1.39	1.01 B	0.730B	29
30	0.608B		0.768B	4.70	9.77	4.86	1.94	1.31	1.08	1.25	0.975B	0.750B	30
31	0.603B		0.775B		10.1		2.05	2.25		1.41		0.780B	31
TOTAL	22.949	18.611	23.295	109.490	194.57	206.97	137.12	43.95	41.68	41.748	31.735	27.834	TOTAL
MEAN	0.740	0.665	0.752	3.65	6.28	6.90	4.42	1.42	1.39	1.35	1.06	0.898	MEAN
MAX	0.855	0.730	0.820	7.50	10.1	12.4	8.29	2.25	2.81	2.08	1.21	1.00	MAX
MIN	0.603	0.595	0.660	0.800	4.41	4.03	1.94	1.12	1.05	0.925	0.800	0.730	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.47
MAXIMUM DAILY, 12.4 ON JUN 14
MINIMUM DAILY, 0.595B ON FEB 18
MAXIMUM INSTANTANEOUS,
12.8 AT 12:52 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 10 N
LONG 123 48 10 W
DRAINAGE AREA, 992 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 980	JUL	11 800
FEB	1 610	AUG	3 800
MAR	2 010	SEP	3 600
APR	9 460	OCT	3 610
MAY	16 800	NOV	2 740
JUN	17 900	DEC	2 400

TOTAL DISCHARGE, 77 700 dam³

BAKER CREEK AT QUESNEL - STATION NO. 08KE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10B	1.04 B	0.980B	4.80E	27.3	10.3	11.0 E	2.21	0.690	0.345	2.50	1.12B	1
2	1.07B	1.10 B	0.980B	6.80	26.5	18.6	12.2 E	2.13	0.810E	0.340	1.96	1.14B	2
3	1.09B	1.11 B	0.980B	7.09	22.6	20.2 E	11.8	2.06	0.940E	0.310	2.61	1.16B	3
4	1.12B	1.12 B	0.978B	5.93	22.7	18.4	13.0	1.86	0.872	0.525	1.90E	1.18B	4
5	1.14B	1.13 B	0.968B	7.90	22.0	15.3 E	13.8	1.71 E	0.776	0.662	1.55	1.19B	5
6	1.16B	1.12 B	0.965B	8.74	20.6 E	11.2	17.7	1.58	0.718	0.634	1.51B	1.19B	6
7	1.19B	1.11 B	0.970B	10.3	18.7	11.5	15.7	1.40	0.732	0.760E	1.47B	1.18B	7
8	1.21B	1.12 B	0.955B	11.7 E	18.5	11.4	17.0 E	1.11	0.634	1.00 E	1.47B	1.16B	8
9	1.19B	1.13 B	0.945B	12.0	17.0	11.9 E	20.1	1.14	0.545E	1.30	1.42B	1.16B	9
10	1.17B	1.14 B	0.955B	11.4	15.2	11.7 E	21.4	1.27	0.468	1.32	1.33B	1.16B	10
11	1.15B	1.13 B	0.942B	10.6	14.1	11.4	21.1	1.03	0.435	1.76	1.39B	1.16B	11
12	1.15B	1.07 B	0.950B	10.7	13.6	15.0	21.1	0.900E	0.413	1.76	1.36B	1.15B	12
13	1.16B	1.00 B	0.985B	9.00E	13.3 E	60.0 E	18.1	0.824	0.380	1.35 E	1.37B	1.17B	13
14	1.17B	0.965B	1.02 B	10.7	12.7	54.0 E	15.4	0.718	0.370	1.29 E	1.36B	1.17B	14
15	1.16B	0.960B	1.05 B	13.0 E	11.8	42.0	14.0 E	0.620	0.360	1.27	1.35B	1.17B	15
16	1.15B	0.920B	1.09 B	14.8	10.7	39.7	10.3	0.594	0.485E	1.22	1.34B	1.17B	16
17	1.10B	0.870B	1.12 B	19.8	10.3	33.5 E	9.60E	0.581	0.402	1.27	1.33B	1.15B	17
18	1.08B	0.880B	1.10 B	22.8	11.0	26.9	8.58	0.568	0.380	1.24	1.32B	1.10B	18
19	1.08B	0.920B	1.12 B	22.7	11.5	23.1	8.30E	0.520E	0.350	1.27	1.31B	1.04B	19
20	1.10B	0.950B	1.13 B	22.8	11.3 E	21.2	7.90E	0.503	0.350	0.904	1.25B	1.02B	20
21	1.14B	0.965B	1.11 B	25.9	11.0 E	18.9	7.20E	0.490	0.360	1.09 E	1.22B	1.03B	21
22	1.17B	0.970B	1.08 B	25.0 E	10.6	16.7	6.00E	0.555	0.371E	1.17	1.27B	1.07B	22
23	1.16B	0.970B	1.07 B	33.6	11.0	15.2	5.22	0.581	0.369E	1.22	1.26B	1.11B	23
24	1.15B	0.965B	1.08 B	37.8	10.9	13.8 E	5.57	0.607	0.360	1.22	1.20B	1.16B	24
25	1.17B	0.960B	1.10 B	45.0	11.3	11.4	4.88	0.479	0.350	1.55	1.16B	1.22B	25
26	1.13B	0.970B	1.13 B	47.6	12.4	9.70	4.71	0.500E	0.340	1.49	1.18B	1.31B	26
27	1.12B	0.970B	1.25 E	41.4	11.8 E	10.6	4.20	0.424	0.340	1.96	1.23B	1.15B	27
28	1.10B	0.975B	1.53	37.4	10.1	11.0	3.61	0.435	0.340	2.30 E	1.25B	1.07B	28
29	1.08B		1.69 E	35.8 E	8.86	9.38	3.00E	0.413	0.340	2.76	1.20B	1.02B	29
30	1.05B		1.98	33.4	8.58	10.3	2.89	0.516	0.340E	3.27	1.13B	1.31B	30
31	1.00B		2.89		9.86		2.39	0.594		2.89		1.26B	31
TOTAL	35.01	28.530	36.093	606.46	447.80	594.28	337.75	28.922	14.620	41.460	43.22	35.66	TOTAL
MEAN	1.13	1.02	1.16	20.2	14.4	19.8	10.9	0.933	0.487	1.34	1.44	1.15	MEAN
MAX	1.21	1.14	2.89	47.6	27.3	60.0	21.4	2.21	0.940	3.27	2.61	1.31	MAX
MIN	1.00	0.870	0.942	4.80	8.58	9.38	2.39	0.413	0.340	0.310	1.13	1.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.16
MAXIMUM DAILY, 60.0E ON JUN 13
MINIMUM DAILY, 0.310 ON OCT 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 23 N
LONG 122 31 11 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 020	JUL	29 200
FEB	2 460	AUG	2 500
MAR	3 120	SEP	1 260
APR	52 400	OCT	3 580
MAY	38 700	NOV	3 730
JUN	51 300	DEC	3 080

TOTAL DISCHARGE, 194 000 dam³

BARNES CREEK NEAR NEEDLES - STATION NO. 08NE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13	0.823	0.786	2.40	8.23	23.4	10.6	1.52	1.15	0.579	1.05	1.71	1
2	1.12	0.902	0.775	3.38	9.19	21.8	10.6	1.43	1.08	0.586	0.884	1.64	2
3	1.11	0.975	0.781	3.95	11.0	20.4	9.87	1.31	0.952	0.673	0.935	1.64	3
4	1.14	0.942	0.783	4.02	14.0	21.7	8.34	1.21	0.895	1.13	0.923	1.68	4
5	1.16	0.898	0.780	4.22	19.4	17.4	7.95	1.19	0.854	2.09	0.906	1.59	5
6	1.15	0.888	0.778	4.63	21.7	15.4	8.45	1.13	0.806	1.08	0.839	1.55	6
7	1.17	0.874	0.804	5.02	14.8	20.1	7.00	1.07	0.793	0.921	0.909	1.54	7
8	1.16	0.854	0.881	5.66	12.5	16.7	6.16	1.04	0.781	0.868	0.919	1.50	8
9	1.16	0.854	0.810	5.54	11.9	15.3	5.86	1.01	0.767	0.880	1.05	1.54	9
10	1.13	0.895	0.814	4.89	12.0	21.6	5.61	0.973	0.731	0.943	3.13	1.50	10
11	0.885	0.913	0.782	4.53	12.8	22.9	5.42	0.939	0.714	0.885	5.01	1.46	11
12	1.07 B	0.872	0.787	4.40	13.3	22.2	5.15	0.915	0.683	0.865	4.33	1.38	12
13	1.10 B	0.721	0.773	4.55	13.4	19.9	4.75	0.880	0.676	0.878	4.08	1.34	13
14	1.14	0.517	0.778	5.07	12.3	18.3	4.11	0.860	0.667	0.882	3.77	1.30	14
15	1.10	0.761	0.766	6.19	11.7	17.3	3.65	0.848	0.655	0.882	3.10	1.32	15
16	1.11	0.830B	0.791	7.38	11.6	16.6	3.32	0.831	0.673	0.864	2.72	1.21	16
17	1.04	0.808	0.809	8.85	11.9	17.2	3.04	0.905	0.757	0.840	2.57	1.19	17
18	1.02	0.783	0.885	9.83	12.1	16.6	2.77	1.09	0.702	0.842	2.30	1.19	18
19	0.997	0.832	0.972	10.6	12.4	16.7	2.54	1.11	0.657	0.856	2.20	0.788	19
20	0.879	0.842	1.08	12.1	12.5	19.9	2.33	0.950	0.639	0.824	2.11	0.646	20
21	1.01 B	0.841	1.08	14.2	12.9	17.4	2.17	0.970	0.620	0.849	1.95	1.14 B	21
22	1.02 B	0.816	1.08	19.0	13.4	17.0	2.11	1.11	0.622	0.846	2.00	1.13 B	22
23	1.01 B	0.809	1.05	18.7	19.3	16.7	2.19	1.03	0.617	0.830	2.02	0.900	23
24	0.966	0.806	0.975	18.4	20.4	17.8	2.27	0.903	0.600	0.817	2.36	1.07 B	24
25	0.962	0.811	1.01	15.3	19.5	14.8	2.02	0.911	0.600	0.885	2.18	1.04 B	25
26	0.924	0.792	1.03	12.7	17.9	13.3	3.06	0.978	0.590	0.962	1.78	1.02 B	26
27	0.893	0.771	1.05	11.0	17.3	12.9	2.37	0.880	0.577	0.945	1.99	1.01 B	27
28	0.880B	0.767	1.08	9.88	19.6	12.3	1.98	0.838	0.572	0.952	1.89	0.990B	28
29	0.905B		1.15	8.86	29.9	11.9	1.82	0.807	0.581	0.969	1.88	0.913	29
30	0.920B		1.35	8.11	29.7	11.6	1.69	1.45	0.585	1.05	1.73	0.953B	30
31	0.814		1.76		24.5		1.61	1.35		1.22		0.940B	31
TOTAL	32.075	23.197	29.030	253.36	483.12	526.9	140.81	32.438	21.596	28.693	63.515	38.822	TOTAL
MEAN	1.03	0.829	0.937	8.45	15.6	17.6	4.54	1.05	0.720	0.926	2.12	1.25	MEAN
MAX	1.17	0.975	1.76	19.0	29.9	23.4	10.6	1.52	1.15	2.09	5.01	1.71	MAX
MIN	0.814	0.517	0.766	2.40	8.23	11.6	1.61	0.807	0.572	0.579	0.839	0.646	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.59
MAXIMUM DAILY, 29.9 ON MAY 29
MINIMUM DAILY, 0.517 ON FEB 14
MAXIMUM INSTANTANEOUS,
40.4 AT 19:50 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 118 07 31 W
DRAINAGE AREA, 201 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 770	JUL	12 200
FEB	2 000	AUG	2 800
MAR	2 510	SEP	1 870
APR	21 900	OCT	2 480
MAY	41 700	NOV	5 490
JUN	45 500	DEC	3 350

TOTAL DISCHARGE, 145 000 dam³

BARRIERE RIVER AT THE MOUTH - STATION NO. 08LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.37	3.93	4.00	9.37	30.2	79.2	38.3	9.05	5.80	2.01	3.00	5.80	1
2	5.19	4.27	3.92	9.98	30.5	79.2	37.5	9.18	5.92	2.05	2.93	5.86	2
3	5.37	4.27	3.82	11.9	30.5	79.5	45.3	9.37	5.62	2.35	2.93	5.16	3
4	5.46	4.30	3.79	10.4	33.3	79.7	40.7	8.60	5.22	2.44	2.93	4.94	4
5	5.46	4.33	3.82	13.5	34.2	80.5	38.0	8.15	5.11	2.47	2.92	5.22	5
6	5.42	4.24	3.62	15.9	47.2	70.1	41.6	7.26	4.52	2.47	2.88	5.44	6
7	5.35	4.12	3.49	17.0	50.2	70.6	46.1	7.06	4.32	2.52	2.95	5.28	7
8	5.21	4.06	4.00	18.2	50.4	67.2	41.1	6.88	4.32	2.58	3.36	5.22	8
9	5.21	4.43	4.03	19.3	46.4	63.8	37.7	6.88	3.92	3.13	3.48	5.22	9
10	5.02	4.52	4.06	18.5	48.6	73.8	35.0	5.86	3.96	3.36	4.05	5.16	10
11	4.78	4.40	3.64	18.2	44.6	83.7	31.3	5.74	3.69	3.62	5.56	5.05	11
12	4.81	4.24	3.70	18.2	42.4	111	28.6	5.05	3.53	3.39	6.55	5.00	12
13	4.84	3.36	3.97	19.2	41.2	110	26.6	5.56	3.27	3.41	7.83	4.38	13
14	4.81	3.60	3.88	18.6	40.8	99.5	25.7	3.99	2.95	3.41	9.69	4.60	14
15	4.84	3.67	3.67	21.3	36.8	91.4	22.9	3.64	3.04	3.48	9.88	4.66	15
16	4.46	3.76	3.44	22.1	35.9	87.4	22.1	5.33	3.09	2.75	9.37	4.60	16
17	4.43	3.44	3.34	23.5	35.3	86.6	17.4	4.72	3.09	2.71	9.30	4.40B	17
18	3.70	3.44	4.07	25.6	35.3	82.3	16.8	5.05	3.09	2.87	8.12	4.30B	18
19	3.85	3.34	4.49	28.9	38.9	87.1	16.8	4.60	2.87	2.95	6.85	4.10B	19
20	3.97	3.92	4.97	32.5	39.6	78.9	14.1	4.44	2.71	3.04	6.64	3.85B	20
21	4.81	4.12	5.46	35.7	41.0	76.0	13.8	3.96	2.71	3.13	6.22	3.75B	21
22	4.84	4.19	5.42	39.8	42.6	73.2	10.7	3.92	2.51	3.18	6.55	3.60B	22
23	4.76	4.22	5.55	38.6	45.4	71.5	10.3	4.52	2.51	3.02	7.70	3.50B	23
24	4.36	4.03	5.32	47.6	47.2	71.3	10.3	4.77	2.52	3.09	7.32	3.45B	24
25	4.43	4.00	5.32	45.6	53.4	68.1	12.5	5.08	2.27	3.00	6.85	3.42B	25
26	4.56	3.97	5.78	43.8	65.3	62.3	12.6	5.39	2.17	3.36	6.16	3.40B	26
27	4.52	3.76	5.68	41.6	67.7	52.8	11.4	5.52	2.07	3.46	6.04	3.45B	27
28	4.56	3.70	5.46	37.7	68.4	45.3	10.9	5.00	2.13	3.18	6.04	3.55B	28
29	4.43		5.57	34.2	78.0	43.7	9.82	4.83	2.20	3.00	5.92	3.60B	29
30	3.92		5.60	29.8	85.7	40.7	9.75	5.28	2.13	3.04	5.86	3.65B	30
31	3.76		6.64		87.1		9.24	5.92		3.04		3.60B	31
TOTAL	146.40	111.63	139.52	766.35	1 473.7	2 266.4	744.91	180.70	103.26	91.41	175.88	137.21	TOTAL
MEAN	4.72	3.99	4.50	25.5	47.5	75.5	24.0	5.83	3.44	2.95	5.86	4.43	MEAN
MAX	5.46	4.52	6.64	47.6	87.1	111	46.1	9.37	5.92	3.62	9.88	5.86	MAX
MIN	3.70	3.34	3.34	9.37	30.2	40.7	9.24	3.64	2.07	2.01	2.88	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 111 ON JUN 12
MINIMUM DAILY, 2.01 ON OCT 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 10 48 N
LONG 120 07 50 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 600	JUL	64 400
FEB	9 640	AUG	15 600
MAR	12 100	SEP	8 920
APR	66 200	OCT	7 900
MAY	127 000	NOV	15 200
JUN	196 000	DEC	11 900

TOTAL DISCHARGE, 547 000 dam³

BARRIERE RIVER BELOW SPRAGUE CREEK - STATION NO. 08LB069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.58	2.80B	2.13	5.11	21.0	61.6	32.6	6.42	4.59	1.78	2.61	4.09	1
2	3.52	2.85B	2.12	6.41	20.8	60.6	31.9	6.24	4.41	1.72	2.48	3.98	2
3	3.54	2.75B	2.09	8.04	21.3	58.7	36.3	5.89	4.18	1.73	2.54	3.76	3
4	3.60	2.66	2.05	9.40	23.9	60.7	33.3	5.60	3.95	1.86	2.50	3.81	4
5	3.56	2.64	2.00	10.6	30.9	56.8	30.2	5.32	3.68	2.16	2.45	3.82	5
6	3.52	2.54	2.00	11.6	43.3	50.7	35.5	5.05	3.39	2.27	2.30	3.77	6
7	3.47	2.55	2.09	12.9	45.3	50.4	37.3	4.78	3.20	2.28	2.46	3.71	7
8	3.39	2.79	2.16	14.0	41.1	49.6	33.7	4.57	3.06	2.32	2.49	3.58	8
9	3.38	2.75	2.14	14.6	36.4	47.3	30.1	4.36	2.99	2.44	2.66	3.55	9
10	3.36	2.78	2.12	14.3	35.2	53.9	27.3	4.17	2.84	2.75	3.05	3.55	10
11	3.15B	2.72	2.13	14.1	33.3	64.7	25.4	3.99	2.73	2.81	3.75	3.46	11
12	3.11	2.70	2.19	13.9	32.5	76.6	24.2	4.03	2.64	2.98	4.75	3.34	12
13	3.14	2.50B	2.16	13.8	31.1	74.9	22.4	3.93	2.52	2.93	6.16	3.27	13
14	3.13	2.25B	2.13	14.1	29.4	69.6	19.7	3.80	2.45	2.89	7.46	3.16	14
15	3.16	2.40B	2.16	15.2	28.0	64.8	17.6	3.66	2.41	2.83	7.70	3.15	15
16	3.09	2.45B	2.16	16.4	27.1	63.6	15.9	3.50	2.34	2.75	7.51	3.09	16
17	2.95B	2.35B	2.11	17.8	27.5	63.2	14.8	3.38	2.43	2.65	7.25	2.99B	17
18	2.60B	2.20B	2.31	19.4	28.6	61.1	13.2	3.23	2.44	2.66	6.89	2.85B	18
19	2.65B	2.18B	2.60	22.0	29.5	61.0	12.1	3.13	2.35	2.58	6.62	2.73B	19
20	2.80B	2.35B	3.01	25.0	30.3	63.8	11.1	3.07	2.28	2.55	6.40	2.60B	20
21	2.85B	2.33B	3.34	28.4	31.9	59.8	10.4	3.03	2.29	2.65	5.96	2.43B	21
22	2.84	2.28B	3.43	30.8	33.5	58.4	9.69	3.18	2.21	2.64	5.83	2.25B	22
23	2.91	2.23B	3.53	32.4	35.0	61.0	9.27	3.42	2.12	2.63	5.72	2.10B	23
24	2.85	2.20	3.55	34.8	38.1	57.1	9.23	3.61	2.11	2.64	5.46	2.00B	24
25	2.91	2.18	3.57	34.2	43.8	50.7	9.09	3.72	2.03	2.58	5.20	1.98B	25
26	2.81	2.16	3.63	31.8	50.4	46.1	8.63	4.00	1.99	2.66	4.76	1.95B	26
27	2.79	2.19	3.68	29.7	52.1	41.5	8.10	3.95	1.91	2.66	4.64	1.95B	27
28	2.87	2.20	3.67	27.1	51.9	38.0	7.61	3.97	1.90	2.68	4.55	1.98B	28
29	2.91		3.73	24.4	48.0	35.0	7.08	3.72	1.83	2.68	4.49	2.03B	29
30	2.88		3.92	22.3	67.0	34.0	6.67	3.84	1.82	2.73	4.33	2.02B	30
31	2.70B		4.32		65.4		6.43	4.41		2.69		2.01B	31
TOTAL	96.02	68.98	84.23	574.56	1 143.6	1 695.2	596.80	128.87	81.09	78.18	140.97	90.96	TOTAL
MEAN	3.10	2.46	2.72	19.2	36.9	56.5	19.3	4.16	2.70	2.52	4.70	2.93	MEAN
MAX	3.60	2.85	4.32	34.8	67.0	76.6	37.3	6.42	4.59	2.98	7.70	4.09	MAX
MIN	2.60	2.16	2.00	5.11	20.8	34.0	6.43	3.03	1.82	1.72	2.30	1.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 76.6 ON JUN 12
MINIMUM DAILY, 1.72 ON OCT 02
MAXIMUM INSTANTANEOUS,
79.8 AT 18:11 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 50 N
LONG 119 55 50 W
DRAINAGE AREA, 624 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 300	JUL	51 600
FEB	5 960	AUG	11 100
MAR	7 280	SEP	7 010
APR	49 600	OCT	6 750
MAY	98 800	NOV	12 200
JUN	146 000	DEC	7 860

TOTAL DISCHARGE, 412 000 dam³

BASIL BROOK ON CORTES ISLAND - STATION NO. 08HD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.011	0.037	0.005	0.010E	0.001	0 E	0	---	---	1
2	---	---	---	0.011	0.033	0.004	0.007	0.001	0.001	---	---	---	2
3	---	---	---	0.009	0.031	0.010	0.006	0.001	0.001	0.002	---	---	3
4	---	---	---	0.009	0.027	0.023	0.006	0.001	0.001	---	---	---	4
5	---	---	---	0.009	0.025	0.013	0.004	0.001	0.001	---	---	---	5
6	---	---	---	0.009	0.019	0.018	0.018	0.001	0.001	---	---	---	6
7	---	---	---	0.009	0.019	0.017	0.014	0	0.001	---	---	---	7
8	---	---	---	0.008	0.015	0.019	0.009	0	0.001	---	---	---	8
9	---	---	---	0.008	0.015	0.021	0.008	0	0	---	---	---	9
10	---	---	---	0.007	0.015	0.052	0.007	0	0	---	---	---	10
11	---	---	---	0.006	0.014	0.045	0.007	0	0	---	---	---	11
12	---	---	---	0.007	0.014	0.041	0.006	0	0	---	---	---	12
13	---	---	---	0.007	0.019	0.037	0.004	0	0	---	---	---	13
14	---	---	---	0.007	0.014	0.028	0.003	0	0	---	---	---	14
15	---	---	---	0.007	0.012	0.019	0.003	0	0	---	---	---	15
16	---	---	---	0.006	0.012	0.018	0.002	0	0	---	---	---	16
17	---	---	---	0.040	0.010	0.014E	0.002	0	0	---	---	---	17
18	---	---	---	0.025	0.009	0.012	0.002	0	0	---	---	---	18
19	---	---	---	0.039	0.008	0.010	0.002	0	0	---	---	---	19
20	---	---	---	0.048	0.009	0.009	0.002	0	0	---	---	---	20
21	---	---	---	0.052	0.009	0.007	0.001	0	0	---	---	---	21
22	---	---	---	0.068	0.010	0.006	0.001	0	0	---	---	---	22
23	---	---	---	0.056	0.008	0.005	0.001E	0	0	---	---	---	23
24	---	---	---	0.041	0.007	0.004	0.002	0	0	---	---	---	24
25	---	---	---	0.050	0.006	0.004	0.002	0	0	---	---	---	25
26	---	---	---	0.052	0.006	0.004	0.001	0	0	---	---	---	26
27	---	---	---	0.068	0.009	0.003	0.001	0 E	0	---	---	---	27
28	---	---	0.011	0.057	0.007	0.006	0.001	0	0	---	---	---	28
29	---	---	---	0.057	0.006	0.012	0.001	0 E	0	---	---	---	29
30	---		---	0.039	0.006	0.012	0.001	0 E	0	---	---	---	30
31	---		---		0.005		0.001	0 E		---		---	31
TOTAL	---	---	---	0.822	0.436	0.478	0.135	0.006	0.007	---	---	---	TOTAL
MEAN	---	---	---	0.027	0.014	0.016	0.004	0	0	---	---	---	MEAN
MAX	---	---	---	0.068	0.037	0.052	0.018	0.001	0.001	---	---	---	MAX
MIN	---	---	---	0.006	0.005	0.003	0.001	0	0	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 07

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 06 55 N
LONG 124 54 57 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11.7
FEB	---	AUG	0.518
MAR	---	SEP	0.605
APR	71.0	OCT	---
MAY	37.7	NOV	---
JUN	41.3	DEC	---

BEAK CREEK AT THE MOUTH - STATION NO. 08LG064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.105B	0.066B	0.088B	0.199	1.12	3.44	1.08	0.155	0.143	0.051	0.080	0.079B	1
2	0.102B	0.080B	0.088B	0.347	1.26	4.86	1.07	0.141	0.120	0.052	0.078B	0.080B	2
3	0.100B	0.110B	0.090B	0.476	1.38	3.79	1.12	0.128	0.100	0.055	0.075	0.090B	3
4	0.094B	0.116B	0.091B	0.526	1.55	4.38	0.913	0.115	0.087	0.060	0.073	0.095B	4
5	0.108B	0.115B	0.097B	0.553	1.81	3.19	0.787	0.111	0.077	0.067	0.070B	0.092B	5
6	0.121B	0.109B	0.110B	0.623	2.04	2.66	1.20	0.094	0.073	0.070	0.068B	0.090B	6
7	0.125B	0.104B	0.120B	0.693	1.83	2.54	1.13	0.085	0.069	0.067	0.070B	0.098B	7
8	0.116B	0.096B	0.119B	0.781	1.65	2.39	1.03	0.083	0.064	0.064	0.073B	0.096B	8
9	0.108B	0.098B	0.117B	0.734	1.50	2.30	0.940	0.078	0.061	0.066	0.079	0.091B	9
10	0.099B	0.096B	0.110B	0.655	1.36	2.87	0.776	0.078	0.061	0.088	0.098	0.085B	10
11	0.090B	0.087B	0.098B	0.670	1.53	3.18	0.698	0.093	0.059	0.090	0.204	0.078B	11
12	0.090B	0.074B	0.095B	0.709	1.64	7.00E	0.606	0.077	0.060	0.083	0.274	0.074B	12
13	0.096B	0.065B	0.096B	0.779	1.52	8.80A	0.528	0.074	0.059	0.084	0.278	0.078B	13
14	0.100B	0.063B	0.101B	0.820	1.39	6.80E	0.471	0.072	0.058	0.080	0.221	0.081B	14
15	0.102B	0.061B	0.110B	0.931	1.25	3.71	0.422	0.068	0.056	0.074	0.169	0.082B	15
16	0.102B	0.059B	0.130B	1.05	1.15	3.49	0.384	0.066	0.058	0.081	0.132	0.078B	16
17	0.096B	0.056B	0.140B	1.39	1.16	3.31	0.346	0.065	0.062	0.084	0.121	0.070B	17
18	0.090B	0.060B	0.150B	1.60	1.23	2.92	0.322	0.069	0.062	0.078	0.109	0.058B	18
19	0.088B	0.070B	0.165B	1.66	1.34	2.70	0.303	0.073	0.059	0.084	0.100	0.049B	19
20	0.089B	0.080B	0.174A	1.92	1.19	2.38	0.265	0.066	0.057	0.078	0.092B	0.044B	20
21	0.092B	0.094B	0.124	1.98	1.16	2.11	0.242	0.079	0.057	0.079	0.082B	0.042B	21
22	0.096B	0.100B	0.105	1.98	1.19	1.80	0.214	0.174	0.055	0.086	0.084B	0.041B	22
23	0.099B	0.101B	0.099	2.01	1.69	1.54	0.254	0.114	0.054	0.081	0.079B	0.050B	23
24	0.101B	0.100B	0.095E	2.13	2.21	1.32	0.450	0.094	0.053	0.080	0.076B	0.056B	24
25	0.102B	0.099B	0.093E	1.93	3.18	1.23	0.455	0.149	0.052	0.087	0.068B	0.060B	25
26	0.100B	0.098B	0.090E	1.82	3.82	1.17	0.388	0.210	0.053	0.090	0.056B	0.064B	26
27	0.097B	0.095B	0.089E	1.67	3.06	1.18	0.303	0.147	0.053	0.088	0.070B	0.065B	27
28	0.093B	0.092B	0.090E	1.54	2.68	1.16	0.247	0.118	0.051	0.094	0.090B	0.036B	28
29	0.086B		0.092E	1.33	3.35	1.20	0.209	0.097	0.052	0.096	0.088B	0.033B	29
30	0.078B		0.110E	1.12	3.18	1.15	0.188	0.204	0.051	0.088	0.083B	0.040B	30
31	0.070B		0.136		2.88		0.176	0.186		0.087		0.045B	31
TOTAL	3.035	2.444	3.412	34.626	57.30	90.57	17.517	3.363	1.976	2.412	3.240	2.120	TOTAL
MEAN	0.098	0.087	0.110	1.15	1.85	3.02	0.565	0.109	0.066	0.078	0.108	0.068	MEAN
MAX	0.125	0.116	0.174	2.13	3.82	8.80	1.20	0.210	0.143	0.096	0.278	0.098	MAX
MIN	0.070	0.056	0.088	0.199	1.12	1.15	0.176	0.065	0.051	0.051	0.056	0.033	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.608
MAXIMUM DAILY, 8.80A ON JUN 13
MINIMUM DAILY, 0.033B ON DEC 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 40 N
LONG 119 58 57 W
DRAINAGE AREA, 85 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	262	JUL	1 510
FEB	211	AUG	291
MAR	295	SEP	171
APR	2 990	OCT	208
MAY	4 950	NOV	280
JUN	7 830	DEC	183

TOTAL DISCHARGE, 19 200 dam³

BEAR CREEK AT BRYSON ROAD - STATION NO. 08HB043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.478	0.393	0.367	0.396	0.277	0.281	---	---	---	1
2	---	---	---	0.470	0.393	0.370	0.396	0.303	0.281	---	---	---	2
3	---	---	---	0.466	0.386	0.730	0.393	0.281	0.245	---	---	---	3
4	---	---	---	0.470	0.386	0.627	0.383	0.266	0.274	---	---	---	4
5	---	---	---	0.445	0.373	1.21	0.380	0.264	0.274	---	---	---	5
6	---	---	---	0.437	0.373	0.515	0.636	0.266	0.245	---	---	---	6
7	---	---	---	0.437	0.373	0.470	0.441	0.281	0.245	---	---	---	7
8	---	---	---	0.441	0.367	0.474	0.396	0.279	0.245	---	---	---	8
9	---	---	---	0.441	0.367	0.474	0.393	0.279	0.245	---	---	---	9
10	---	---	---	0.437	0.367	0.789	0.386	0.703	0.245	---	---	---	10
11	---	---	---	0.437	0.367	0.672	0.383	0.270	0.245	---	---	---	11
12	---	---	---	0.437	0.364	0.556	0.383	0.272	0.244	---	---	---	12
13	---	---	---	0.437	0.389	0.470	0.364	0.264	0.245	---	---	---	13
14	---	---	---	0.437	0.364	0.441	0.353	0.264	0.258	---	---	---	14
15	---	---	---	0.429	0.775	0.393	0.333	0.268	0.242	---	---	---	15
16	---	---	---	0.426	0.364	0.407	0.342	0.274	0.245	---	---	---	16
17	---	---	---	0.527	0.393	0.403	0.333	0.776	0.245	---	---	---	17
18	---	---	---	0.433	0.370	0.393	0.843	0.306	0.245	---	---	---	18
19	---	---	---	0.494	0.364	0.393	0.336	0.277	0.245	---	---	---	19
20	---	---	0.668	0.453	0.364	0.393	0.336	0.281	0.245	---	---	---	20
21	---	---	---	0.429	0.367	0.386	0.333	0.270	0.244	---	---	---	21
22	---	---	---	0.441	0.486	0.393	0.325	0.245	0.244	---	---	---	22
23	---	---	---	0.433	0.370	0.383	0.308	0.270	0.244	---	---	---	23
24	---	---	---	0.433	0.364	0.373	0.325	0.245	0.245	---	---	---	24
25	---	---	---	0.681	0.364	0.373	0.317	0.245	0.245	---	---	---	25
26	---	---	---	0.453	0.364	0.373	0.308	0.245	0.244	---	---	---	26
27	---	---	---	0.433	0.370	0.373	0.308	0.268	0.245	---	---	---	27
28	---	---	---	0.515	0.373	0.389	0.308	0.245	0.245	---	---	---	28
29	---	---	---	0.445	0.364	0.403	0.281	0.245	0.245	---	---	---	29
30	---	---	---	0.407	0.370	0.470	0.295	0.279	0.244	---	---	---	30
31	---		---		0.370		0.295	0.308		---		---	31
TOTAL	---	---	---	13.702	12.054	14.463	11.609	9.316	7.484	---	---	---	TOTAL
MEAN	---	---	---	0.457	0.389	0.482	0.375	0.301	0.250	---	---	---	MEAN
MAX	---	---	---	0.681	0.775	1.21	0.843	0.776	0.281	---	---	---	MAX
MIN	---	---	---	0.407	0.364	0.367	0.281	0.245	0.242	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 22 16 N
LONG 124 55 52 W
DRAINAGE AREA, 11.4 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 000
FEB	---	AUG	805
MAR	---	SEP	647
APR	1 180	OCT	---
MAY	1 040	NOV	---
JUN	1 250	DEC	---

BEAR RIVER ABOVE BITTER CREEK - STATION NO. 08DC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.54	3.50B	4.11	7.10	12.9	56.4	73.2	73.1	61.3	32.4	9.93	4.92	1
2	7.78	3.30B	4.31	8.79	13.5	54.8	68.0	57.1	49.8	27.5	9.59	4.56	2
3	7.20	3.16B	4.88	8.86	16.5	64.7	69.2	57.7	42.1	22.5	9.41	4.75	3
4	6.84	3.20B	5.39	8.09	19.2	67.8	74.4	69.8	50.1	19.3	9.04	4.71	4
5	6.81	3.24B	5.71	7.61	26.0	47.6	77.3	69.1	57.8	17.0	8.06	4.67	5
6	6.67	3.28B	5.84	7.40	28.1	43.1	82.6	68.2	44.1	15.8	7.99	8.34	6
7	6.71	3.30B	5.40	7.41	19.7	45.0	87.4	62.2	52.4	17.1	8.16	11.6	7
8	7.10	3.28B	5.04	7.26	17.6	48.2	85.4	60.2	40.7	47.5	7.87	12.0	8
9	7.20	3.25B	4.75	6.60	19.0	52.4	81.0	72.2	38.9	32.6	7.60	8.68	9
10	6.54	3.12B	4.50	6.28	20.4	49.3	98.4	80.9	33.3	21.5	7.33	7.03	10
11	6.13	2.90B	4.30	6.12	21.2	52.5	93.6	95.4	34.8	18.2	6.95	6.25	11
12	5.97	2.61B	4.15	6.33	20.9	47.9	87.2	108	36.2	18.7	6.54	5.86	12
13	5.58	2.50B	4.20	7.41	20.2	55.0	79.3	114	36.2	19.0	6.63	5.69	13
14	5.25	2.47B	4.32	9.75	22.4	67.5	68.0	112	37.6	16.5	6.57	5.50	14
15	5.09	2.42B	4.44	11.8	24.4	72.9	67.6	83.2	44.5	14.6	6.49	5.41	15
16	4.91	2.39B	5.79	13.3	23.9	62.4	65.3	74.9	35.4	13.5	6.37	5.20	16
17	4.77	2.39B	6.16	14.9	25.5	54.9	59.3	76.0	28.8	12.4	6.23	4.95	17
18	4.78	2.40B	6.11	15.2	25.0	52.4	60.8	74.3	39.0	12.1	7.01	4.04	18
19	4.76	2.42B	6.66	16.5	23.3	58.3	69.3	69.8	31.7	11.3	6.93	3.81	19
20	4.84	2.60B	6.76	18.1	23.0	59.0	73.7	88.7	33.0	10.9	6.10	3.80	20
21	4.75	2.73B	5.92	17.3	26.3	87.8	78.9	82.2	49.2	11.0	5.79	4.38	21
22	4.64	2.98B	5.30	16.2	26.4	90.9	82.8	63.6	53.5	11.0	5.61	4.67	22
23	4.54	3.15B	4.92	14.7	31.5	76.5	82.1	54.9	77.8	16.9	5.39	4.57	23
24	4.49	3.40B	4.71	13.6	26.8	65.3	85.0	46.0	92.3	29.7	5.03	4.54	24
25	4.42	3.60B	4.53	13.2	26.4	59.7	89.7	42.3	65.8	19.2	4.84	4.40	25
26	4.35	3.75B	4.41	12.9	32.3	58.4	83.6	42.2	38.7	14.3	5.25	4.98	26
27	4.29	3.85B	4.37	13.0	49.1	56.6	74.0	47.8	29.4	14.2	5.29	4.40	27
28	4.19	3.95B	4.69	12.7	66.6	61.6	67.9	67.2	84.8	12.3	5.16	3.36	28
29	3.97		5.67	12.3	66.0	70.5	74.5	94.5	62.6	11.5	5.04	3.98	29
30	3.85B		6.59	13.2	56.6	71.4	82.4	96.2	42.3	10.9	4.92	4.17	30
31	3.65B		6.96		54.3		97.8	89.2		10.4		4.19	31
TOTAL	170.61	85.14	160.89	333.91	881.0	1 810.4	2 417.7	2 292.9	1 423.8	561.8	203.12	169.41	TOTAL
MEAN	5.50	3.04	5.19	11.1	28.4	60.3	78.0	74.0	47.5	18.1	6.77	5.46	MEAN
MAX	8.54	3.95	6.96	18.1	66.6	90.9	98.4	114	92.3	47.5	9.93	12.0	MAX
MIN	3.65	2.39	4.11	6.12	12.9	43.1	59.3	42.2	28.8	10.4	4.84	3.36	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 114 ON AUG 13
MINIMUM DAILY, 2.39B ON FEB 16
MAXIMUM INSTANTANEOUS,
148 AT 00:51 PST ON AUG 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 34 N
LONG 129 55 30 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 700	JUL	209 000
FEB	7 360	AUG	198 000
MAR	13 900	SEP	123 000
APR	28 800	OCT	48 500
MAY	76 100	NOV	17 500
JUN	156 000	DEC	14 600

TOTAL DISCHARGE, 907 000 dam³

BEATON CREEK NEAR BEATON - STATION NO. 08NE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07	0.863	0.732	1.31	3.61	8.44	8.72	2.95	1.69	1.01	1.21	1.76	1
2	1.03	0.889	0.731	1.50	3.45	8.25	8.75	2.84	1.62	1.06	1.14	1.67	2
3	1.02	0.889	0.716	1.74	3.37	7.69	9.12	2.66	1.55	1.13	1.12	1.68	3
4	1.05	0.903	0.715	1.88	3.51	7.58	9.18	2.58	1.51	1.50	1.12	1.80	4
5	1.04	0.885	0.713	1.96	3.86	7.01	8.82	2.51	1.46	1.62	1.11	1.71	5
6	1.06	0.883	0.717	2.06	4.66	6.61	9.15	2.42	1.42	1.35	1.10	1.62	6
7	1.15	0.837	0.784	2.15	5.27	6.96	8.96	2.29	1.38	1.22	1.12	1.55	7
8	1.12	0.842	0.918	2.29	5.23	6.92	8.27	2.22	1.35	1.15	1.10	1.58	8
9	1.20	0.874	0.846	2.45	4.78	6.56	7.92	2.12	1.30	1.21	1.30	1.60	9
10	1.19	0.884	0.849	2.48	4.66	7.32	7.84	2.04	1.28	1.33	1.76	1.54	10
11	1.08	0.912	0.817	2.37	4.49	8.45	7.59	2.03	1.28	1.24	2.24	1.50	11
12	1.01	0.882	0.797	2.36	4.30	8.55	7.37	1.97	1.26	1.47	2.16	1.43	12
13	0.987	0.847	0.782	2.41	4.29	7.63	6.97	1.93	1.23	1.44	2.68	1.37	13
14	0.969	0.845	0.781	2.44	4.17	6.84	6.39	1.89	1.22	1.32	2.95	1.36	14
15	0.938	0.856	0.772	2.53	4.07	6.57	6.06	1.88	1.22	1.24	2.67	1.37	15
16	0.915	0.838	0.732	2.60	3.96	6.71	5.65	1.86	1.32	1.25	2.42	1.36	16
17	0.887	0.836	0.791	2.78	3.98	7.49	5.32	1.89	1.29	1.20	2.47	1.37	17
18	0.848	0.841	0.805	3.05	4.02	8.23	5.01	1.96	1.25	1.23	2.31	1.34	18
19	0.843	0.838	0.861	3.45	4.09	8.67	4.78	1.89	1.19	1.20	2.13	1.28	19
20	0.817	0.840	0.957	3.90	4.26	8.30	4.50	1.80	1.16	1.14	2.04	1.26 E	20
21	0.819	0.823	1.04	4.37	4.47	8.09	4.24	1.91	1.12	1.23	1.91	1.23 E	21
22	0.870	0.827	1.05	4.81	4.50	7.74	3.97	1.97	1.12	1.21	2.05	1.18 E	22
23	0.894	0.794	0.962	5.19	4.60	8.14	3.85	1.89	1.08	1.17	2.28	1.16 B	23
24	0.881	0.761	0.966	5.26	4.97	10.4	3.90	1.80	1.10	1.10	2.38	1.13 B	24
25	0.932	0.764	1.30	5.51	5.64	10.6	3.71	1.85	1.06	1.08	2.23	1.12 B	25
26	0.919	0.754	1.18	5.25	5.84	9.86	3.79	1.84	1.05	1.17	2.03	1.11 B	26
27	0.902	0.747	1.11	4.81	5.84	9.89	3.86	1.69	1.01	1.14	1.93	1.08 B	27
28	0.943	0.744	1.05	4.42	6.00	9.49	3.51	1.64	1.03	1.17	1.88	1.04 B	28
29	0.948		1.06	4.32	7.09	8.80	3.31	1.60	1.03	1.22	1.90	1.02 B	29
30	0.919		1.08	3.87	8.31	8.58	3.17	1.80	1.02	1.28	1.85	0.980B	30
31	0.894		1.16		8.17		3.07	1.75		1.29		0.960B	31
TOTAL	30.145	23.498	27.774	95.92	149.46	242.38	186.75	63.47	37.60	38.37	56.59	42.160	TOTAL
MEAN	0.972	0.839	0.896	3.20	4.82	8.08	6.02	2.05	1.25	1.24	1.89	1.36	MEAN
MAX	1.20	0.912	1.30	5.66	8.31	10.6	9.18	2.95	1.69	1.62	2.95	1.80	MAX
MIN	0.817	0.744	0.713	1.31	3.37	6.56	3.07	1.60	1.01	1.01	1.10	0.960	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 10.6 ON JUN 25
MINIMUM DAILY, 0.713 ON MAR 05
MAXIMUM INSTANTANEOUS,
11.4 AT 19:10 PST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 09 N
LONG 117 43 44 W
DRAINAGE AREA, 99.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 600	JUL	16 100
FEB	2 030	AUG	5 480
MAR	2 400	SEP	3 250
APR	8 290	OCT	3 320
MAY	12 900	NOV	4 890
JUN	20 900	DEC	3 640

TOTAL DISCHARGE, 85 800 dam³

BEATTON RIVER NEAR FORT ST. JOHN - STATION NO. 07FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.10B	1.32 B	1.06B	68.0E	278	499	124 E	19.2 E	5.06E	2.25E	2.88B	1.44B	1
2	3.85B	1.18 B	1.08B	94.5A	364	1 010	272 E	18.1 E	4.86E	2.31E	2.84B	1.48B	2
3	3.70B	1.10 B	1.10B	88.2	428	988	250 E	17.0 A	4.58E	2.43E	2.72B	1.52B	3
4	3.48B	1.00 B	1.15B	88.0	441	604	212 E	15.6	4.18E	2.64E	2.64B	1.56B	4
5	3.28B	0.980B	1.20B	79.1	435	451	170 E	15.2	3.86E	2.86E	2.50B	1.60B	5
6	3.13B	0.960B	1.22B	70.4	424	411	138 E	14.5	4.00E	3.06E	2.38B	1.62B	6
7	3.05B	0.940B	1.23B	61.0	410	404	103 E	13.0	4.24E	3.14E	2.30B	1.64B	7
8	3.02B	0.930B	1.20B	45.2	393	351	86.0E	11.6	4.06E	3.18E	2.22B	1.66B	8
9	3.00B	0.920B	1.15B	35.0	349	306	68.0E	11.7	3.66E	3.14E	2.14B	1.64B	9
10	2.99B	0.900B	1.12B	31.2	288	270	59.0E	11.0	3.50E	3.08E	2.10B	1.62B	10
11	2.94B	0.890B	1.20B	28.5	264	281	47.0E	10.2	3.64E	3.02A	2.08B	1.56B	11
12	2.92B	0.860B	1.25B	29.9	255	522	40.3E	9.27	3.52E	2.97E	2.07B	1.50B	12
13	2.91B	0.830B	1.30B	28.2	267	546	34.4E	8.82	3.32E	2.92E	2.06B	1.46B	13
14	2.90B	0.810B	1.35B	26.3	272	391	26.5E	8.17A	3.08E	2.90E	2.06B	1.40B	14
15	2.88B	0.800B	1.41B	32.4	259	290	21.8E	7.90E	2.82E	2.88E	2.07B	1.36B	15
16	2.85B	0.780B	1.50B	34.1	235	229	19.3E	7.85E	2.80E	2.88E	2.06B	1.34B	16
17	2.80B	0.775B	1.58B	37.7	211	204 A	20.2E	7.90E	2.90E	2.90E	2.04B	1.32B	17
18	2.72B	0.780E	1.65B	53.0	193	170 E	24.0E	8.08E	2.70E	2.91E	2.02B	1.30B	18
19	2.66B	0.790B	1.75B	82.3	179	135 E	36.6E	8.16E	2.45E	2.92E	1.98B	1.28B	19
20	2.60B	0.810B	1.82B	122	178	106 E	34.8E	7.92E	2.32E	2.94E	1.94B	1.26B	20
21	2.55B	0.820B	1.90B	173	185	80.0E	33.7E	7.14E	2.23E	2.96E	1.82B	1.30B	21
22	2.44B	0.830B	1.88B	202	175	56.4E	31.8E	6.94E	2.17E	2.98E	1.74B	1.34B	22
23	2.34B	0.870B	1.80B	220	155	42.6E	30.3E	6.36E	2.16E	3.00E	1.64B	1.38B	23
24	2.30B	0.930B	1.82B	243	138	37.2E	29.0E	6.30E	2.19E	3.02E	1.52B	1.42B	24
25	2.21B	0.950B	1.84B	300	134	30.0E	27.7E	6.42E	2.23E	3.04E	1.44B	1.46B	25
26	2.13B	0.970B	2.00B	363	254	28.1E	26.4E	6.44E	2.21E	3.05E	1.42B	1.54B	26
27	2.06B	1.00 B	3.80B	299	465	31.0E	24.7E	6.24E	2.19E	3.06E	1.41B	1.60B	27
28	1.98B	1.04 B	6.40B	244	574	41.7E	23.3E	5.80E	2.17E	3.04E	1.41B	1.62B	28
29	1.80B		10.0 B	215	470	54.0E	21.8E	5.52E	2.18E	3.02E	1.40B	1.63B	29
30	1.60B		20.0 B	213	377	70.0E	20.9E	5.26E	2.22E	3.00E	1.40B	1.64B	30
31	1.45B		34.0 E		352		20.3E	5.20E		2.96E		1.66B	31
TOTAL	84.64	25.765	111.76	3 607.0	9 402	8 639.0	2 076.8	298.37	93.50	90.46	60.30	46.15	TOTAL
MEAN	2.73	0.920	3.61	120	303	288	67.0	9.62	3.12	2.92	2.01	1.49	MEAN
MAX	4.10	1.32	34.0	363	574	1 010	272	19.2	5.06	3.18	2.88	1.66	MAX
MIN	1.45	0.775	1.06	26.3	134	28.1	19.3	5.20	2.16	2.25	1.40	1.26	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.2
MAXIMUM DAILY, 1 010 ON JUN 02
MINIMUM DAILY, 0.775B ON FEB 17
MAXIMUM INSTANTANEOUS
1 070 AT 00:15 PST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 12 N
LONG 120 40 43 W
DRAINAGE AREA, 15 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 310	JUL	179 000
FEB	2 230	AUG	25 800
MAR	9 660	SEP	8 080
APR	312 000	OCT	7 820
MAY	812 000	NOV	5 210
JUN	746 000	DEC	3 990

TOTAL DISCHARGE, 2 120 000 dam³

BEAVER RIVER NEAR THE MOUTH - STATION NO. 08NB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	4.82B	6.06B	10.6	31.9	106	154	66.8	48.2	22.6	15.1	15.5	1
2	10.5 B	5.40B	6.00B	12.4	31.7	103	147	54.3	43.0	22.7	14.1	16.0	2
3	10.1 B	7.50B	6.00B	16.3	31.7	101	128	45.3	39.8	19.7	13.0	15.9	3
4	10.1 B	9.04B	6.00B	16.7	37.8	102	106	48.9	37.4	39.0	14.0	16.6	4
5	10.1 B	8.53B	6.00B	16.2	59.1	86.1	109	54.8	38.1	47.7	13.7	17.4	5
6	10.1 B	8.07B	6.00B	17.0	95.1	76.6	148	59.9	40.1	24.8	12.4	15.9	6
7	10.2 B	7.65B	6.05B	17.8	72.9	76.7	150	55.6	43.7	20.3	14.0	15.3	7
8	10.2 B	7.23B	6.10B	18.0	58.4	74.0	146	47.3	44.7	18.6	14.0	14.9	8
9	9.72B	7.01B	6.10B	17.6	52.7	73.9	146	48.7	45.0	17.9	13.9	14.3	9
10	9.40B	7.00B	6.11B	15.4	49.7	88.3	150	49.6	45.2	18.8	13.8	14.3	10
11	7.50B	8.00B	6.19B	14.8	50.0	108	156	52.6	46.1	17.6	31.3	14.1	11
12	6.33B	8.00B	6.29B	14.1	50.5	89.1	174	52.9	43.4	17.2	57.9	12.3	12
13	7.20B	6.70B	6.47B	14.1	50.5	72.3	179	53.0	36.2	17.3	44.9	11.2 B	13
14	8.60B	5.00B	6.63B	14.8	49.4	69.6	152	58.6	36.2	16.5	39.6	10.5 B	14
15	8.85B	4.50B	6.91B	16.6	47.7	82.6	125	49.8	40.8	15.7	29.8	10.3 B	15
16	8.40B	4.19B	7.35B	18.8	48.1	104	132	43.8	45.6	15.3	25.8	10.3 B	16
17	7.52B	4.68B	7.75B	21.9	50.6	125	113	31.6	39.8	14.5	23.5	10.2 B	17
18	6.70B	5.08B	7.94B	25.9	51.2	131	89.8	44.7	32.9	15.0	21.5	9.83B	18
19	6.23B	5.30B	8.37	30.7	52.4	133	79.7	26.4	32.6	14.8	20.1	9.40B	19
20	6.10B	5.70B	8.39	36.9	55.1	137	77.1	31.6	29.4	14.4	19.1	9.18B	20
21	6.52B	6.70B	8.61	42.7	55.6	140	73.8	27.6	30.1	14.2	17.8	9.05B	21
22	7.40B	7.70B	8.59	42.9	55.5	156	78.2	24.3	33.4	14.1	17.3	9.32B	22
23	8.03B	7.78B	7.61	43.6	55.7	183	81.1	19.9	37.3	13.9	19.1	9.85B	23
24	7.80B	7.43B	7.71	47.6	66.9	197	73.3	18.3E	40.6	15.4E	26.8	10.3 B	24
25	7.80B	7.38B	8.27	47.0	82.8	184	67.5	17.0E	40.2	20.5E	22.1	10.4 B	25
26	7.40B	7.18B	8.15	41.5	81.0	173	74.9	21.5E	34.7	23.4E	17.6	9.92B	26
27	6.81B	6.86B	8.36	38.3	83.3	171	91.4	27.2E	27.9	17.6	18.5	9.00B	27
28	7.30B	6.43B	8.42	34.9	98.6	159	73.4	34.6E	25.4	17.8	17.7	8.74B	28
29	7.58B		8.53	33.0	112	141	74.0	40.7A	26.0	17.3	17.8	9.40B	29
30	5.80B		8.77	32.1	126	145	68.0	69.9	25.5	16.4	17.5	10.2 B	30
31	4.95B		9.51		111		68.1	69.2		16.4		10.4 B	31
TOTAL	251.94	186.86	225.24	770.2	1 957.7	3 587.2	3 485.3	1 346.4	1 129.3	597.4	643.7	370.07	TOTAL
MEAN	8.13	6.67	7.27	25.7	63.2	120	112	43.4	37.6	19.3	21.5	11.9	MEAN
MAX	10.7	9.04	9.51	47.6	129	197	179	69.9	48.2	47.7	57.9	17.4	MAX
MIN	4.95	4.19	6.00	10.6	31.7	69.6	67.5	17.0	25.4	13.9	12.4	8.74	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.9
MAXIMUM DAILY, 197 ON JUN 24
MINIMUM DAILY, 4.19B ON FEB 16
MAXIMUM INSTANTANEOUS,
202 AT 03:48 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 35 N
LONG 117 27 42 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 800	JUL	301 000
FEB	16 100	AUG	116 000
MAR	19 500	SEP	97 600
APR	66 500	OCT	51 600
MAY	169 000	NOV	55 600
JUN	310 000	DEC	32 000

TOTAL DISCHARGE, 1 260 000 dam³

BEDWELL RIVER ABOVE URSUS CREEK - STATION NO. 08HC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	14.2	16.0	22.0	3.12	7.41	6.66	---	---	1
2	6.93A	---	---	---	18.1	32.4	12.7	2.79	4.42	6.28	---	---	2
3	---	---	---	---	18.5	50.5	11.1	2.76	3.05	40.5	---	---	3
4	---	---	---	---	23.1	35.9	8.74	2.80	2.50	76.2	---	---	4
5	---	---	---	---	25.7	20.6	13.1	2.91	2.24	18.5	---	---	5
6	---	---	12.2A	---	18.5	27.1	24.3	2.81	2.04	9.30	---	---	6
7	---	---	16.2A	---	13.0	43.9	11.8	2.53	1.93	6.51A	---	---	7
8	---	---	20.0A	---	11.6	27.7	8.97	2.36	1.92	---	11.8A	---	8
9	---	---	22.5A	---	12.7	19.5	7.93	2.46	1.82	---	---	---	9
10	---	---	---	---	13.3	26.5 A	7.42	2.63	1.73	---	---	---	10
11	---	---	---	---	13.2	22.0 E	7.72	2.65	1.69	---	---	---	11
12	---	---	---	---	14.7	18.5 E	7.51	2.58	1.63	---	---	---	12
13	---	---	---	---	15.4	16.0 E	6.96	2.48	1.45	---	---	---	13
14	---	---	---	---	13.0	14.0 A	5.97	1.97	1.35	---	---	---	14
15	---	---	---	---	12.5	13.8	5.96	2.04	1.23	---	---	---	15
16	---	---	---	---	11.8	12.5	5.62	17.7	1.26	---	---	---	16
17	---	---	---	38.8 A	11.8	10.6	4.83	9.08	1.21	---	---	---	17
18	---	---	---	24.9	10.7	10.8	4.45	4.99	1.11	---	---	---	18
19	---	---	---	23.2	10.1	11.8	4.26	3.83	1.05	---	---	---	19
20	---	---	---	23.0	17.8	11.4	4.33	3.22	1.01	---	---	---	20
21	---	---	---	18.1	20.5	12.5	4.35	3.00	1.09	---	---	---	21
22	---	---	---	21.4	50.4	13.5	4.36	2.78	1.34	---	---	---	22
23	---	---	---	17.0	22.3	11.8	4.15	2.27	1.32	---	---	---	23
24	---	---	---	15.7	15.2	9.77	3.82	2.50	1.14	---	---	---	24
25	---	---	---	18.5	11.6	8.99	3.62	2.44	1.13	---	---	---	25
26	---	---	---	15.4	13.5	7.47	3.46	2.03	1.08	---	---	---	26
27	---	---	---	13.1	37.5	6.89	3.18	1.80	0.988	---	---	---	27
28	---	---	---	11.4	28.0	12.5	3.09	1.76	0.936	---	---	---	28
29	---	---	---	9.99	19.5	29.9	3.16	1.79	1.07	---	---	---	29
30	---		---	9.68	24.3	37.9	3.22	4.37	0.901	---	---	---	30
31	---		---		19.0		3.31	14.3		---		---	31
TOTAL	---	---	---	---	557.5	592.72	225.39	116.75	53.045	---	---	---	TOTA
MEAN	---	---	---	---	18.0	19.8	7.27	3.77	1.77	---	---	---	MEAN
MAX	---	---	---	---	50.4	50.5	24.3	17.7	7.41	---	---	---	MAX
MIN	---	---	---	---	10.1	6.89	3.09	1.76	0.901	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.901 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 16 N
LONG 125 44 51 W
DRAINAGE AREA, 114 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19 500
FEB	---	AUG	10 100
MAR	---	SEP	4 580
APR	---	OCT	---
MAY	48 200	NOV	---
JUN	51 200	DEC	---

BELGO CREEK BELOW HILDA CREEK - STATION NO. 08NM232

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.183B	0.176B	0.137	0.218	1.23	4.54	1.03	0.273	0.464	0.378	0.159	0.160B	1
2	0.189B	0.174B	0.143	0.291	1.25	5.56	1.12	0.252	0.453	0.377	0.143	0.154B	2
3	0.198B	0.167B	0.150	0.337	1.27	4.99	1.28	0.230	0.430	0.380	0.150	0.172B	3
4	0.202B	0.156B	0.143	0.362	1.39	5.73	0.995	0.217	0.422	0.388	0.152	0.188E	4
5	0.200B	0.150B	0.146	0.364	1.66	5.26	0.978	0.211	0.410	0.399	0.150	0.186E	5
6	0.218B	0.149B	0.145	0.383	1.89	4.09	3.15	0.201	0.402	0.397	0.145	0.183A	6
7	0.211B	0.156B	0.142	0.411	1.74	4.37	3.34	0.284	0.390	0.401	0.136	0.176E	7
8	0.200B	0.171B	0.144	0.416	1.54	3.86	2.43	0.417	0.390	0.393	0.121	0.170E	8
9	0.192B	0.187B	0.145	0.373	1.32	3.25	1.84	0.427	0.369	0.387	0.143	0.164E	9
10	0.196B	0.166B	0.144	0.343	1.26	3.87	1.45	0.429	0.374	0.397	0.244	0.170E	10
11	0.208B	0.142B	0.144	0.333	1.62	4.69	1.20	0.438	0.380	0.383	0.362	0.174E	11
12	0.212B	0.108B	0.139	0.355	1.68	5.64	1.02	0.433	0.389	0.381	0.334	0.150B	12
13	0.192B	0.112B	0.145	0.364	1.59	6.95	0.886	0.438	0.391	0.382	0.327	0.153B	13
14	0.182B	0.117B	0.143	0.380	1.64	6.13	0.716	0.437	0.390	0.389	0.280	0.159B	14
15	0.176B	0.124B	0.139	0.425	1.50	4.95	0.578	0.432	0.392	0.382	0.244	0.154B	15
16	0.168B	0.110B	0.135	0.464	1.41	4.27	0.483	0.424	0.409	0.380	0.225	0.146B	16
17	0.172B	0.104B	0.135	0.529	1.36	3.58	0.429	0.428	0.429	0.379	0.226	0.153B	17
18	0.180B	0.122B	0.142	0.576	1.54	3.12	0.396	0.431	0.423	0.375	0.182	0.140B	18
19	0.187B	0.137B	0.151	0.602	1.56	3.03	0.380	0.436	0.405	0.374	0.194	0.124B	19
20	0.188B	0.153A	0.163	0.630	1.48	2.85	0.350	0.426	0.400	0.380	0.193	0.114B	20
21	0.186B	0.148	0.162	0.734	1.40	2.51	0.335	0.426	0.398	0.381	0.185	0.112B	21
22	0.182B	0.149	0.164	0.805	1.71	2.30	0.315	0.437	0.388	0.381	0.180	0.118B	22
23	0.191B	0.149	0.162	0.857	2.49	2.21	0.331	0.421	0.386	0.383	0.189	0.126B	23
24	0.184B	0.147	0.138	1.53	3.20	2.08	0.392	0.420	0.389	0.386	0.172B	0.130B	24
25	0.164B	0.141	0.104	1.98	4.10	1.67	0.424	0.436	0.381	0.266	0.147B	0.136B	25
26	0.171B	0.138	0.111	1.95	4.35	1.43	0.524	0.450	0.365	0.205	0.138B	0.138B	26
27	0.182B	0.136	0.142	1.76	3.47	1.27	0.488	0.438	0.356	0.183	0.150B	0.112B	27
28	0.164B	0.137	0.145	1.70	3.03	1.31	0.388	0.428	0.357	0.179	0.159B	0.098B	28
29	0.154B		0.152	1.50	4.51	1.26	0.334	0.426	0.365	0.174	0.172B	0.094B	29
30	0.158B		0.163	1.31	4.82	1.09	0.314	0.596	0.371	0.167	0.168B	0.106B	30
31	0.167B		0.162		4.28		0.281	0.518		0.163		0.114B	31
TOTAL	5.757	4.026	4.500	22.282	67.29	107.86	28.177	12.260	11.868	10.560	5.770	4.474	TOTAL
MEAN	0.186	0.144	0.145	0.743	2.17	3.60	0.909	0.396	0.396	0.341	0.192	0.144	MEAN
MAX	0.218	0.187	0.182	1.98	4.82	6.95	3.34	0.596	0.464	0.401	0.362	0.188	MAX
MIN	0.154	0.104	0.104	0.218	1.23	1.09	0.281	0.201	0.356	0.163	0.121	0.094	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.780
MAXIMUM DAILY, 6.95 ON JUN 13
MINIMUM DAILY, 0.094B ON DEC 29
MAXIMUM INSTANTANEOUS,
7.21 AT 08:29 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 58 N
LONG 119 04 17 W
DRAINAGE AREA, 70.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	497	JUL	2 430
FEB	348	AUG	1 060
MAR	389	SEP	1 030
APR	1 930	OCT	912
MAY	5 810	NOV	499
JUN	9 320	DEC	387

TOTAL DISCHARGE, 24 600 dam³

BELL-IRVING RIVER BELOW BOWSER RIVER - STATION NO. 08DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	65.1	33.2B	28.3B	41.2	186	1 130	802	670E	533	346	106	30.0B	1
2	56.2	33.3B	28.2B	45.3	202	974	799	420E	431	293	101	29.8B	2
3	53.2	33.5B	28.1B	51.1	232	926	761	440E	377	250	98.2	29.2B	3
4	53.2	33.7B	28.0B	50.4	273	1 010	759	545E	349	217	91.9	29.0B	4
5	54.9	33.8B	27.8B	50.9	330	847	768	540E	381	191	78.7	34.5B	5
6	55.9	33.8B	27.9B	50.0	422	717	803	525E	364	172	75.5	70.0B	6
7	56.8	33.7B	27.9B	50.4	345	724	873	470E	374	162	80.3	111 B	7
8	57.8	33.4B	27.6B	49.8	344	775	871	460E	378	196	78.6	160	8
9	58.2	32.6B	26.9B	49.1	367	779	833	560E	343	244	76.5	135	9
10	51.6	31.5B	26.7B	48.3	391	819	911	680E	318	202	74.9	127	10
11	48.2	30.7B	26.8B	47.9	408	859	967	800E	299	182	71.5	115	11
12	49.7	29.6B	26.9B	50.2	396	866	836	910E	302	179	61.8	106	12
13	51.5	28.0B	27.0B	57.1	388	926	768	930E	305	171	63.4	99.3	13
14	51.3	27.2B	27.2B	69.2	407	1 050	660	920E	296	156	71.4	91.5	14
15	48.6	26.9B	27.2B	84.2	460	1 050	593	883A	316	145	69.5	86.0B	15
16	47.1	26.5B	27.2B	100	493	955	586	742	315	134	69.2	78.0B	16
17	45.0B	26.0B	27.2B	114	515	800	525	677	271	126	66.8	73.0B	17
18	45.5B	26.0B	27.2B	119	540	709	515	651	274	120	64.0	66.0B	18
19	46.1B	26.2B	27.4B	167	462	717	551	622	265	110	61.9	62.0B	19
20	46.3B	26.4B	27.8B	202	437	708	578A	662	239	106	51.8	56.0B	20
21	46.3B	26.8B	28.1B	221	496	865	700E	666	287	107	47.5B	52.5B	21
22	46.0B	27.6B	28.4B	221	564	1 170	850E	593	330	103	42.5B	49.0B	22
23	45.5B	29.0B	28.5	203	608	1 090	830E	519	431	121	38.3B	47.0B	23
24	44.5B	29.6B	29.4	187	533	864	855E	449	558	230	35.2B	44.5B	24
25	43.5B	29.4B	29.5	181	475	752	810E	395	543	180	33.5B	43.5B	25
26	41.5B	29.2B	29.6	182	514	685	740E	381	427	151	32.5B	42.5B	26
27	39.5B	28.8B	29.2	183	606	644	630E	394	332	147	32.0B	41.9B	27
28	38.0B	28.5B	29.8	180	796	643	580E	405	420	137	31.2B	40.7B	28
29	37.0B		35.5	180	923	727	670E	532	509	126	30.8B	40.0B	29
30	35.5B		39.6	189	916	791	750E	602	419	120	30.2B	39.8B	30
31	34.0B		40.5		969		880E	656		112		39.2B	31
TOTAL	1 493.5	834.9	897.4	3 444.1	14 998	25 572	23 054	18 699	10 986	5 236	1 866.6	2 068.9	TOTAL
MEAN	48.2	29.8	28.9	115	484	852	744	603	366	169	62.2	66.7	MEAN
MAX	65.1	33.8	40.5	221	969	1 170	967	930	558	346	106	160	MAX
MIN	34.0	26.0	26.7	41.2	186	643	515	381	239	103	30.2	29.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 299
MAXIMUM DAILY, 1 170 ON JUN 22
MINIMUM DAILY, 26.0B ON FEB 17
MAXIMUM INSTANTANEOUS,
1 200 AT 10:55 PST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 45 N
LONG 129 08 40 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	129 000	JUL	1 990 000
FEB	72 100	AUG	1 620 000
MAR	77 500	SEP	949 000
APR	298 000	OCT	452 000
MAY	1 300 000	NOV	161 000
JUN	2 210 000	DEC	179 000

TOTAL DISCHARGE, 9 440 000 dam³

BELLA COOLA RIVER ABOVE BURNT BRIDGE CREEK - STATION NO. 08FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.7	23.0B	18.5	25.0	55.3	200	185	225	113	76.2	34.7	42.2	1
2	43.4	22.0B	18.8	26.6	72.5	203	166	201	102	67.7	31.8	40.3	2
3	41.7	21.5B	18.8	28.0	86.2	201	155	202	91.2	58.7	32.0	41.4	3
4	39.9	21.5B	18.7	27.8	113	181	152	203	89.9	75.9	33.8	62.0	4
5	41.5	22.0B	18.9	28.3	134	162	155	200	101	67.3	32.5	58.7	5
6	44.7	22.2B	19.7	29.9	135	152	171	228	114	55.9	30.4	53.3	6
7	44.5	22.5B	19.5	31.6	111	170	171	199	127	48.3	31.2	52.9	7
8	43.1	23.0B	19.3	33.4	97.3	166	182	179	136	43.7	30.1	67.3	8
9	41.6	23.0	18.9	32.3	101	150	181	193	129	56.7	29.0	64.7	9
10	39.1	23.2	18.7	30.8	100	190	181	222	125	56.4	27.7	57.6	10
11	35.8	22.2B	18.4	30.5	109	199	207	249	118	48.3	32.6	52.9	11
12	35.4	21.0B	17.9	32.0	116	168	225	265	109	44.4	165	48.9	12
13	34.9	20.0B	18.0	35.1	122	157	220	258	101	40.3	180	45.3	13
14	33.8	19.0B	17.8	39.0	118	162	196	227	98.2	36.1	119	44.2	14
15	32.4	18.5B	17.8	44.4	122	180	198	195	108	32.7	95.5	42.5	15
16	31.2	17.7B	18.1	49.5	124	183	203	181	110	30.3	89.9	40.0	16
17	28.6	17.7B	18.9	58.0	127	169	181	180	103	28.7	79.1	40.4	17
18	27.7	18.0B	20.9	64.8	136	171	164	179	90.6	27.6	71.1	34.0B	18
19	27.6	18.5B	22.1	65.4	137	189	161	186	87.3	26.2	65.5	29.0B	19
20	27.4	19.0B	22.9	69.7	131	202	169	193	82.1	25.0	57.6	29.0B	20
21	28.1	19.5B	23.9	70.1	126	200	180	197	92.5	26.2	53.5	29.2B	21
22	27.6	19.7B	23.6	72.5	126	230	196	197	95.1	24.7	52.1	29.3B	22
23	26.8	19.9	22.1	73.7	133	249	212	158	116	24.1	52.3	29.5B	23
24	26.2	19.6	21.5	73.7	130	218	213	140	132	24.5	48.0B	30.0B	24
25	29.6	19.5	21.4	70.2	132	208	226	129	136	57.2	46.5B	30.5B	25
26	28.3	19.3	21.0	65.8	138	204	236	114	104	52.9	45.0B	30.4B	26
27	28.0	19.1	20.8	62.3	159	190	219	110	84.5	49.6	44.5B	29.0B	27
28	27.3	18.7	20.7	57.9	189	179	202	113	85.8	49.6	45.2	28.5B	28
29	26.2		21.5	53.6	197	189	209	120	102	44.8	45.7	28.3B	29
30	25.0		22.5	52.6	195	196	229	124	85.1	41.3	43.4	28.2B	30
31	23.5B		24.4		197		243	118		37.8		28.0B	31
TOTAL	1 038.6	570.8	626.0	1 433.4	3 969.3	5 618	5 988	5 685	3 168.3	1 409.1	1 744.6	1 267.5	TOTAL
MEAN	33.5	20.4	20.2	47.8	128	187	193	183	106	45.5	58.2	40.9	MEAN
MAX	47.7	23.2	24.4	73.7	197	249	243	265	136	76.2	180	67.3	MAX
MIN	23.5	17.7	17.8	25.0	55.3	150	152	110	82.1	24.1	27.7	28.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.1
MAXIMUM DAILY, 265 ON AUG 12
MINIMUM DAILY, 17.7B ON FEB 16
MAXIMUM INSTANTANEOUS,
284 AT 01:22 PST ON AUG 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 20 N
LONG 126 09 29 W
DRAINAGE AREA, 3 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	89 700	JUL	517 000
FEB	49 300	AUG	491 000
MAR	54 100	SEP	274 000
APR	124 000	OCT	122 000
MAY	343 000	NOV	151 000
JUN	485 000	DEC	110 000

TOTAL DISCHARGE, 2 810 000 dam³

BERTRAND CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 08MH152

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.477	0.453	0.101	0.029	0.195	0.028	0.555	---	1
2	---	---	---	---	0.470	0.325	0.096	0.027	0.083	0.043	0.373	---	2
3	---	---	---	---	0.403	2.58	0.113	0.027	0.052	0.082	0.587	---	3
4	---	---	---	---	0.335	5.12	0.090	0.026	0.045	2.01	1.20	---	4
5	---	---	---	---	0.284	2.02	0.099	0.026	0.041	1.43	1.11	---	5
6	---	---	---	---	0.260	1.41	0.114	0.025	0.035	0.423	0.699	---	6
7	---	---	---	---	0.232	2.79	0.148	0.025	0.030	0.219	1.44 A	---	7
8	---	---	---	---	0.208	1.61	0.103	0.022	0.027	0.153	---	---	8
9	---	---	---	---	0.182	1.40	0.076	0.024	0.026	0.153	---	---	9
10	---	---	---	---	0.165	2.63	0.068	0.023	0.026	0.367	---	---	10
11	---	---	---	---	0.185	2.14	0.066	0.023	0.028	0.191	---	---	11
12	---	---	---	---	0.210	1.35	0.062	0.021	0.025	0.861	---	---	12
13	---	---	---	---	0.231	0.994	0.055	0.021	0.024	0.405	---	---	13
14	---	---	---	---	0.305	0.684	0.049	0.021	0.025	0.239	---	---	14
15	---	---	---	---	0.215	0.497	0.045	0.020	0.026	0.233	---	---	15
16	---	---	---	---	0.180	0.387	0.045	0.023	0.130	0.197	---	---	16
17	---	---	---	---	0.165	0.321	0.043	0.023	0.216	0.159	---	---	17
18	---	---	---	---	0.168	0.281	0.043	0.026	0.079	0.357	---	---	18
19	---	---	---	---	0.189	0.235	0.036	0.026	0.047	0.257	---	---	19
20	---	---	---	---	0.162	0.236	0.035	0.028	0.040	0.181	---	---	20
21	---	---	---	---	0.236	0.202	0.032	0.023	0.038	1.44	---	---	21
22	---	---	---	---	0.192	0.170	0.028	0.024	0.039	0.927	---	---	22
23	---	---	---	---	0.157	0.153	0.028	0.023	0.030	0.532	---	---	23
24	---	---	---	---	0.137	0.158	0.029	0.034	0.031	0.364	---	---	24
25	---	---	---	---	0.126	0.131	0.031	0.028	0.032	0.320	---	---	25
26	---	---	---	---	0.122	0.123	0.031	0.032	0.034	0.582	---	---	26
27	---	---	---	0.824A	0.113	0.107	0.040	0.036	0.032	0.409	---	---	27
28	---	---	---	1.41	0.121	0.106	0.039	0.027	0.033	0.439	---	---	28
29	---	---	---	0.834	0.108	0.107	0.034	0.028	0.031	0.461	---	---	29
30	---		---	0.577	0.093	0.111	0.029	0.065	0.029	1.49	---	---	30
31	---		---		0.277		0.028	0.705		0.988		---	31
TOTAL	---	---	---	---	6.708	28.831	1.836	1.511	1.529	15.940	---	---	TOTAL
MEAN	---	---	---	---	0.216	0.961	0.059	0.049	0.051	0.514	---	---	MEAN
MAX	---	---	---	---	0.477	5.12	0.148	0.705	0.216	2.01	---	---	MAX
MIN	---	---	---	---	0.093	0.106	0.028	0.020	0.024	0.028	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.020 ON AUG 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 09 N
LONG 122 31 19 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	159
FEB	---	AUG	131
MAR	---	SEP	132
APR	---	OCT	1 380
MAY	580	NOV	---
JUN	2 490	DEC	---

BESSETTE CREEK ABOVE BEAVERJACK CREEK - STATION NO. 08LC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.832	0.602B	0.540B	1.54	5.03	27.0	12.3	1.31	1.13	0.619	0.778	1.11 E	1
2	0.826B	0.604B	0.710B	1.88	4.74	34.2	11.2	1.13	0.989	0.645	0.797	1.13 E	2
3	0.796B	0.616B	0.900B	2.50	4.77	34.1	13.4	1.05	0.867	0.716	0.736	1.17 E	3
4	0.778B	0.625B	1.08 B	3.04	5.09	37.8	10.4	1.00	0.762	0.653	0.754	1.19 A	4
5	0.820B	0.640B	1.30 B	3.33	5.97	35.2	8.96	0.930	0.735	0.673	0.775	1.18	5
6	0.922	0.630B	1.65 B	3.60	8.45	28.5	16.2	0.865	0.662	0.693	0.752	1.11	6
7	0.874	0.600B	1.83 B	3.92	10.0	27.8	17.7	0.762	0.610	0.714	0.780	1.05	7
8	0.868	0.570B	2.43	4.20	9.43	25.4	14.8	0.710	0.563	0.685	0.852	1.17	8
9	0.832	0.580B	2.53	4.56	8.17	22.4	12.2	0.728	0.550	0.648	1.00	1.16	9
10	0.796	0.600B	2.53	4.62	7.27	23.6	9.96	0.703	0.564	0.766	1.60	1.13	10
11	0.700B	0.640B	2.32	4.34	7.05	25.9	8.31	0.660	0.550	0.813	3.21	1.18	11
12	0.600B	0.660B	2.27	4.12	7.53	28.6	6.89	0.663	0.668	0.761	3.42	1.20	12
13	0.595B	0.580B	2.29	3.99	8.21	34.4	6.15	0.637	0.632	0.730	3.32	1.07	13
14	0.640B	0.520B	2.11	3.90	8.34	36.1	5.18	0.603	0.623	0.700	2.73	1.01	14
15	0.720B	0.500B	1.45	3.96	8.16	31.6	4.34	0.602	0.691	0.714	2.20	1.00 B	15
16	0.710B	0.470B	1.35	4.07	7.81	28.5	3.78	0.588	0.781	0.732	2.01	0.970B	16
17	0.700B	0.450B	1.39	4.26	7.60	25.7	3.29	0.601	0.809	0.710	1.84	0.940B	17
18	0.680B	0.430B	1.46	4.58	7.93	23.5	3.11	0.790	0.676	0.888	1.53	0.920B	18
19	0.660B	0.408B	1.58	4.89	8.95	22.5	2.70	0.903	0.611	1.04	1.38	0.880B	19
20	0.640B	0.392B	1.70	5.25	9.85	24.4	2.40	0.867	0.553	1.01	1.37	0.860B	20
21	0.650B	0.388B	1.83	5.59	10.2	21.5	2.24	0.758	0.600	1.12	1.28	0.830B	21
22	0.670B	0.390B	1.80	6.25	10.4	20.3	2.13	0.873	0.587	1.11	1.32	0.820B	22
23	0.690B	0.391B	1.61	7.03	12.4	19.4	2.05	0.881	0.570	1.01	1.36	0.810B	23
24	0.700B	0.392B	1.43	8.01	16.0	22.7	2.71	0.761	0.572	0.886	1.42	0.830B	24
25	0.725B	0.395B	1.29	8.51	18.7	20.3	3.37	0.903	0.578	0.807	1.37	0.840B	25
26	0.760B	0.399B	1.38	8.38	20.9	15.4	2.93	1.18	0.562	0.767	1.27	0.840B	26
27	0.770B	0.405B	1.41	7.77	22.4	14.8	2.48	0.971	0.579	0.908	1.20 E	0.830B	27
28	0.770B	0.420B	1.44	7.06	25.1	15.5	2.14	0.730	0.611	0.906	1.30 E	0.800B	28
29	0.740B		1.37	6.47	27.8	14.4	1.94	0.769	0.647	0.893	1.38 E	0.770B	29
30	0.640B		1.32	5.74	30.2	12.9	1.74	1.21	0.634	0.823	1.20 E	0.750B	30
31	0.605B		1.37		28.5		1.58	1.50		0.804		0.740B	31
TOTAL	22.709	14.297	49.670	147.36	372.95	754.4	198.58	26.538	19.966	24.944	45.234	30.290	TOTAL
MEAN	0.733	0.511	1.60	4.91	12.0	25.1	6.41	0.856	0.666	0.805	1.51	0.977	MEAN
MAX	0.922	0.660	2.53	8.51	30.2	37.8	17.7	1.50	1.13	1.12	3.72	1.20	MAX
MIN	0.595	0.388	0.540	1.54	4.74	12.9	1.58	0.588	0.550	0.619	0.736	0.740	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.68
MAXIMUM DAILY, 37.8 ON JUN 04
MINIMUM DAILY, 0.388B ON FEB 21
MAXIMUM INSTANTANEOUS, 39.1 AT 13:15 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 52 N
LONG 118 51 30 W
DRAINAGE AREA, 603 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 960	JUL	17 200
FEB	1 240	AUG	2 290
MAR	4 290	SEP	1 730
APR	12 700	OCT	2 160
MAY	32 200	NOV	3 910
JUN	65 200	DEC	2 620

TOTAL DISCHARGE, 148 000 dam³

BESSETTE CREEK ABOVE LUMBY LAGOON OUTFALL - STATION NO. 08LC042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.850A	0.525B	0.810B	1.26E	4.81A	25.2A	10.7 A	1.04 A	1.04 A	0.565A	0.705	0.845	1
2	0.682A	0.530B	0.830B	1.54A	4.81A	33.5A	10.5 A	0.900A	0.840A	0.640A	0.692	0.863	2
3	0.682A	0.540B	0.840B	2.10A	5.27A	31.0A	12.7 A	0.780A	0.840A	0.640A	0.677	0.890	3
4	0.640B	0.550B	0.850B	2.36A	5.96A	35.7A	9.24A	0.680A	0.680A	0.600A	0.687	0.894	4
5	0.660B	0.580B	0.860B	2.48A	4.20A	32.7A	7.62A	0.640A	0.730A	0.640A	0.726	0.902	5
6	0.735A	0.545B	0.870B	2.74A	4.66A	25.9A	14.4 A	0.640A	0.680A	0.680A	0.637	0.930	6
7	0.682A	0.525B	0.890B	3.00A	11.3 A	25.4A	15.9 A	0.565A	0.565A	0.680A	0.784	0.871	7
8	0.790A	0.500B	0.910B	4.63A	8.84A	23.5A	13.3 A	0.565A	0.600A	0.640A	0.771	0.931	8
9	0.850A	0.515B	0.970A	3.45A	7.22A	22.3A	11.3 A	0.480A	0.640A	0.600A	0.889	0.992	9
10	0.790A	0.535B	0.910A	3.00A	6.86A	21.2A	8.84A	0.480A	0.530A	0.780A	1.35	1.02	10
11	0.545A	0.550B	1.04 A	2.74A	7.42A	23.0A	7.22A	0.505A	0.480A	0.680A	3.05	1.05	11
12	0.490B	0.570B	1.18 A	2.61A	7.83A	24.3A	6.14A	0.480A	0.644A	0.640A	3.17	0.996	12
13	0.420B	0.540B	0.910A	2.61A	9.64A	26.1A	5.42A	0.480A	0.480A	0.730A	2.81	0.904	13
14	0.385B	0.500B	1.11 A	2.61A	7.62A	32.0A	4.65A	0.480A	0.505A	0.730A	2.22	0.836	14
15	0.480B	0.465B	0.970A	3.01A	7.04A	28.8A	3.75A	0.480A	0.505A	0.680A	1.83	0.800B	15
16	0.475B	0.440B	1.04 A	3.01A	6.50A	26.4A	2.12A	0.480A	0.600A	0.696	1.66	0.770B	16
17	0.470B	0.420B	1.18 A	3.49A	8.23A	23.5A	2.63A	0.505A	0.680A	0.654	1.54	0.745B	17
18	0.460B	0.400B	1.26 A	4.04A	8.03A	20.7A	2.32A	0.680A	0.530A	0.936	1.27	0.725B	18
19	0.445B	0.385B	1.18 A	4.47A	10.3 A	20.0A	2.12A	0.900A	0.530A	0.948	1.22	0.705B	19
20	0.440B	0.365B	1.34 A	4.90A	10.3 A	22.5A	1.75A	0.900A	0.530A	0.934	1.17	0.690B	20
21	0.460B	0.355B	1.42 A	5.51A	9.85A	21.6A	1.57A	0.640A	0.565A	1.03	1.09	0.680B	21
22	0.490B	0.351B	1.26 A	6.84A	8.23A	18.8A	1.25A	0.900A	0.530A	1.01	1.16	0.683B	22
23	0.515B	0.350B	1.18 A	7.60A	15.6 A	17.7A	1.32A	0.840A	0.480A	0.802	1.16	0.690B	23
24	0.550B	0.354B	1.04 A	8.80A	16.1 A	20.0A	1.66A	0.730A	0.530A	0.779	1.18	0.695B	24
25	0.585B	0.365B	0.636A	7.83A	16.8 A	20.0A	2.98A	0.970A	0.505A	0.664	1.12	0.700B	25
26	0.620B	0.410B	0.910A	7.22A	17.7 A	14.4A	2.42A	1.04 A	0.505A	0.696	0.751	0.699B	26
27	0.640B	0.500B	0.970A	6.32A	18.9 A	14.2A	2.02A	0.900A	0.505A	0.853	0.841	0.685B	27
28	0.645B	0.772B	0.910A	5.78A	21.2 A	15.4A	1.48A	0.730A	0.505A	0.823	1.03	0.665B	28
29	0.630B		0.900A	5.27A	22.7 A	11.3A	1.25A	0.900A	0.640A	0.802	1.17	0.635B	29
30	0.570B		0.819A	4.65A	29.0 A	11.3A	1.18A	1.25 A	0.640A	0.735	1.00	0.603B	30
31	0.530B		0.981A		28.1 A		1.18A	1.48 A		0.704		0.596B	31
TOTAL	18.206	13.437	30.976	125.87	350.62	692.4	170.93	23.040	18.034	22.991	38.360	24.690	TOTAL
MEAN	0.587	0.480	0.999	4.20	11.3	23.1	5.51	0.743	0.601	0.742	1.28	0.797	MEAN
MAX	0.850	0.772	1.42	8.80	29.0	35.7	15.9	1.48	1.04	1.03	3.17	1.05	MAX
MIN	0.385	0.350	0.636	1.26	4.20	11.3	1.18	0.480	0.480	0.565	0.637	0.596	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.19
MAXIMUM DAILY, 35.7A ON JUN 04
MINIMUM DAILY, 0.350B ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 11 N
LONG 118 57 37 W
DRAINAGE AREA, 469 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 570	JUL	14 800
FEB	1 160	AUG	1 990
MAR	2 680	SEP	1 560
APR	10 900	OCT	1 990
MAY	30 300	NOV	3 310
JUN	59 800	DEC	2 130

TOTAL DISCHARGE, 132 000 dam³

BIDWELL CREEK AT THE MOUTH - STATION NO. 08MA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.022	0.025	---	---	---	0.019	0.016	---	1
2	---	---	---	---	0.022	0.025	---	---	---	0.019	0.016	---	2
3	---	---	---	---	0.021	0.026	---	---	---	0.019	0.016	---	3
4	---	---	---	---	0.022	0.026	---	---	---	0.019	0.016	---	4
5	---	---	---	---	0.021	0.026	---	---	---	0.019	0.015	---	5
6	---	---	---	---	0.022	0.051	---	---	---	0.018	0.015	---	6
7	---	---	---	---	0.022	---	---	---	---	0.018	0.015	---	7
8	---	---	---	---	0.022	---	---	---	---	0.017	0.015	---	8
9	---	---	---	---	0.022	---	---	---	---	0.017	0.015	---	9
10	---	---	---	---	0.023	---	---	---	---	0.017	0.015	---	10
11	---	---	---	---	0.023	---	---	---	---	0.018	0.015	---	11
12	---	---	---	---	0.023	---	---	---	---	0.018	0.015	---	12
13	---	---	---	0.029	0.023	---	---	---	---	0.018	0.015	---	13
14	---	---	---	0.028	0.023	---	---	---	---	0.017	0.015	---	14
15	---	---	---	0.027	0.023	---	---	---	---	0.018	0.015	---	15
16	---	---	---	0.027	0.023	---	---	---	---	0.018	0.015	---	16
17	---	---	---	0.026	0.023	---	---	---	---	0.017	0.014	---	17
18	---	---	---	0.026	0.023	---	---	---	---	0.018	0.014	---	18
19	---	---	---	0.025	0.023	---	---	---	---	0.017	0.014	---	19
20	---	---	---	0.024	0.024	---	---	---	---	0.017	0.014	---	20
21	---	---	---	0.024	0.023	---	---	---	---	0.017	0.014	---	21
22	---	---	---	0.024	0.023	---	---	---	---	0.017	---	---	22
23	---	---	---	0.023	0.024	---	---	---	---	0.017	---	---	23
24	---	---	---	0.024	0.025	---	---	---	---	0.017	---	---	24
25	---	---	---	0.023	0.025	---	---	---	---	0.018	---	---	25
26	---	---	---	0.023	0.025	---	---	---	---	0.017	---	---	26
27	---	---	---	0.023	0.025	---	---	---	---	0.017	---	---	27
28	---	---	---	0.022	0.025	---	---	---	0.019	0.016	---	---	28
29	---	---	---	0.022	0.025	---	---	---	0.020	0.016	---	---	29
30	---		---	0.021	0.025	---	---	---	0.020	0.016	---	---	30
31	---		---		0.025		---	---		0.016		---	31
TOTAL	---	---	---	---	0.720	---	---	---	---	0.542	---	---	TOTAL
MEAN	---	---	---	---	0.023	---	---	---	---	0.018	---	---	MEAN
MAX	---	---	---	---	0.025	---	---	---	---	0.019	---	---	MAX
MIN	---	---	---	---	0.021	---	---	---	---	0.016	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 55 16 N
LONG 123 49 34 W
DRAINAGE AREA, 144 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	46.8
MAY	62.2	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

BIG CREEK ABOVE GROUNDHOG CREEK - STATION NO. 08MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13 B	0.800B	0.760B	2.00B	6.59	34.3	17.2	10.7	3.69	2.42	2.59	2.50B	1
2	1.12 B	0.820B	0.780B	5.00B	14.4	33.8	15.2	9.31	3.22	2.51	2.27	2.52B	2
3	1.12 B	0.820B	0.800B	9.00B	16.9	29.5	15.0	8.84	3.11	2.34	2.10B	2.50B	3
4	1.13 B	0.800B	0.840B	9.00B	17.1	26.4	13.4	8.48	3.11	4.42	1.90B	2.48B	4
5	1.13 B	0.800B	0.860B	7.50B	18.9	21.2	14.6	8.93	3.10	5.91	1.75B	2.45B	5
6	1.12 B	0.820B	0.880B	8.00B	19.5	19.0	28.9	9.69	3.27	4.14	1.65B	2.40B	6
7	1.12 B	0.860B	0.860B	10.0 B	14.7	18.6	50.3	8.60	3.56	3.74	1.65B	2.30B	7
8	1.13 B	0.900B	0.860B	8.00B	12.2	17.2	36.3	7.81	3.65	3.52	1.70B	2.20B	8
9	1.15 B	0.880B	0.880B	6.00B	10.9	16.6	29.0	7.87	3.96	3.31	1.90B	2.10B	9
10	1.10 B	0.900B	0.900B	5.00B	12.8	17.9	23.4	8.04	3.96	3.10	2.30B	1.97B	10
11	1.00 B	0.900B	0.880B	4.30B	16.4	18.0	21.4	8.59	4.14	2.69	2.70B	1.92B	11
12	1.05 B	0.880B	0.860B	4.49	18.4	16.9	22.1	9.22	3.72	2.32	3.80B	1.88B	12
13	1.09 B	0.840B	0.840B	5.25	16.5	19.5	22.2	10.4	3.41	2.36	3.50B	1.82B	13
14	1.10 B	0.820B	0.860B	6.54	15.0	18.9	18.4	10.6	3.29	2.42	3.20B	1.78B	14
15	1.08 B	0.800B	0.900B	7.62	14.5	19.1	16.1	8.46	3.28	2.19	3.00B	1.75B	15
16	1.02 B	0.780B	1.00 B	8.56	14.0	20.8	15.5	7.11	4.98	2.12	2.80B	1.72B	16
17	1.00 B	0.760B	1.10 B	11.7	16.2	20.5	14.2	7.11	5.88	2.16	2.75B	1.70B	17
18	0.980B	0.720B	1.20 B	13.4	19.7	22.1	13.1	7.07	4.45	2.17	2.70B	1.68B	18
19	0.940B	0.720B	1.30 B	12.8	19.8	25.6	11.5	7.31	3.89	1.94	2.65B	1.62B	19
20	0.940B	0.780B	1.40 B	12.5	18.4	25.6	10.3	7.45	3.44	2.00	2.60B	1.55B	20
21	0.940B	0.820B	1.30 B	12.4	15.9	23.5	10.2	7.38	3.43	2.14	2.55B	1.50B	21
22	0.940B	0.860B	1.20 B	11.1	14.2	28.0	9.84	7.59	3.57	1.83	2.50B	1.45B	22
23	0.920B	0.883B	1.10 B	10.2	13.5	38.0	11.2	7.38	3.90	2.13	2.45B	1.42B	23
24	0.940B	0.880B	1.10 B	9.86	13.9	32.1	15.6	6.63	3.99	2.14	2.40B	1.40B	24
25	0.940B	0.860B	1.15 B	8.49	18.5	24.4	17.9	5.48	3.77	3.49	2.35B	1.38B	25
26	0.920B	0.840B	1.20 B	7.32	21.7	20.4	17.9	5.03	3.53	6.39	2.35B	1.40B	26
27	0.900B	0.820B	1.25 B	6.61	22.9	18.4	15.8	4.50	3.18	5.29	2.40B	1.48B	27
28	0.880B	0.780B	1.30 B	5.69	25.8	16.1	13.3	4.01	3.07	4.97	2.45B	1.52B	28
29	0.860B		1.35 B	5.07	27.6	15.3	11.7	3.78	2.93	4.06	2.48B	1.52B	29
30	0.840B		1.40 B	5.13	26.6	16.5	11.0	3.93	2.62	4.18	2.50B	1.50B	30
31	0.800B		1.50 B		27.7		11.2	3.93		2.92		1.48B	31
TOTAL	31.330	23.143	32.610	237.53	541.19	674.2	553.74	231.23	109.10	97.32	73.94	56.89	TOTAL
MEAN	1.01	0.827	1.05	7.92	17.5	22.5	17.9	7.46	3.64	3.14	2.46	1.84	MEAN
MAX	1.15	0.900	1.50	13.4	27.7	38.0	50.3	10.7	5.88	6.39	3.80	2.52	MAX
MIN	0.800	0.720	0.760	2.00	6.59	15.3	9.84	3.78	2.62	1.83	1.65	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.29
MAXIMUM DAILY, 50.3 ON JUL 07
MINIMUM DAILY, 0.720B ON FEB 18
MAXIMUM INSTANTANEOUS,
57.2 AT 08:49 PST ON JUL 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 23 N
LONG 123 06 52 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 710	JUL	47 800
FEB	2 000	AUG	20 000
MAR	2 820	SEP	9 430
APR	20 500	OCT	8 410
MAY	46 800	NOV	6 390
JUN	58 300	DEC	4 920

TOTAL DISCHARGE, 230 000 dam³

BIG CREEK BELOW GRAVEYARD CREEK - STATION NO. 08MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.440B	0.210B	0.155B	0.500B	2.43	12.7	8.86	6.28	1.91	1.42	1.20 B	0.770B	1
2	0.420B	0.200B	0.160B	0.700B	4.06	12.1	7.79	5.46	1.77	1.14	1.00 B	0.780B	2
3	0.400B	0.200B	0.165B	0.900B	4.47	11.5	6.78	5.16	1.75	1.16	0.900B	0.790B	3
4	0.390B	0.200B	0.165B	0.860B	5.44	9.83	6.28	5.61	1.69	4.43	0.800B	0.800B	4
5	0.400B	0.210B	0.165B	0.900B	6.80	7.80	8.23	6.21	1.89	2.91	0.780B	0.810B	5
6	0.410B	0.220B	0.170B	1.00 B	6.00	7.50	13.0	6.30	2.21	2.30	0.780B	0.800B	6
7	0.410B	0.225B	0.170B	1.20 B	4.23	7.56	16.0	5.38	2.32	2.08	0.800B	0.790B	7
8	0.400B	0.220B	0.170B	1.30 B	3.37	7.36	12.8	5.14	2.53	1.93	0.840B	0.780B	8
9	0.390B	0.215B	0.175B	1.10 B	3.24	7.41	11.3	5.10	2.66	1.80	0.892B	0.770B	9
10	0.380B	0.215B	0.175B	0.940B	3.87	7.72	10.1	5.33	2.53	1.71	0.950B	0.760B	10
11	0.375B	0.210B	0.175B	0.939	4.62	7.30	10.6	5.75	2.61	1.40	1.05 B	0.750B	11
12	0.371B	0.190B	0.170B	0.984	4.38	6.75	12.0	6.25	2.40	1.35	1.50 B	0.740B	12
13	0.365B	0.180B	0.165B	1.00	3.79	6.35	11.7	6.66	2.06	1.24	2.20 B	0.735B	13
14	0.360B	0.160B	0.165B	1.17	3.38	6.55	9.50	5.75	2.12	1.18	1.60 B	0.730B	14
15	0.360B	0.145B	0.170B	1.54	3.25	8.52	8.95	4.58	2.10	1.15	1.20 B	0.725B	15
16	0.350B	0.140B	0.190B	1.89	3.55	10.1	8.69	4.25	3.19	0.995	0.900B	0.710B	16
17	0.340B	0.140B	0.330B	2.48	4.43	10.1	7.69	3.99	2.44	0.982	0.860B	0.690B	17
18	0.340B	0.145B	0.320B	3.24	4.75	11.6	7.20	4.73	2.01	1.00 B	0.840B	0.670B	18
19	0.330B	0.150B	0.310B	3.24	5.16	12.7	6.51	4.73	1.88	1.02 B	0.820B	0.650B	19
20	0.330B	0.155B	0.300B	3.42	5.12	12.1	6.24	4.88	1.64	1.05 B	0.800B	0.630B	20
21	0.330B	0.160B	0.280B	3.54	4.22	12.0	6.11	4.86	2.06	1.08 B	0.790B	0.600B	21
22	0.320B	0.162B	0.260B	3.59	4.19	16.3	6.32	4.89	2.21	1.13	0.780B	0.560B	22
23	0.310B	0.163B	0.260B	3.05	4.35	19.9	8.32	3.96	2.42	1.18	0.770B	0.540B	23
24	0.270B	0.165B	0.280B	2.87	4.40	17.9	8.95	3.22	2.40	1.22	0.760B	0.535B	24
25	0.240B	0.165B	0.300B	2.51	4.86	11.1	8.78	2.66	2.34	3.59	0.750B	0.540B	25
26	0.260B	0.165B	0.310B	1.96	6.07	9.79	8.61	2.40	2.20	2.96	0.740B	0.550B	26
27	0.280B	0.165B	0.310B	1.65	7.60	8.79	7.89	2.12	1.86	2.30	0.735B	0.560B	27
28	0.270B	0.160B	0.340B	1.32	10.2	7.94	6.93	1.96	1.68	2.19	0.740B	0.570B	28
29	0.260B		0.350B	1.28	11.4	7.04	6.53	2.00	1.71	1.73	0.750B	0.590B	29
30	0.260B		0.370B	1.38	11.5	9.57	6.60	2.26	1.36	1.53	0.760B	0.585B	30
31	0.240B		0.400B		11.8		6.75	2.14		1.40 B		0.580B	31
TOTAL	10.601	5.035	7.445	51.953	166.93	299.58	271.92	139.94	63.95	52.557	28.287	21.090	TOTAL
MEAN	0.342	0.180	0.240	1.73	5.38	9.99	8.77	4.51	2.13	1.70	0.943	0.680	MEAN
MAX	0.440	0.225	0.400	3.54	11.8	19.0	16.0	6.66	3.19	4.43	2.20	0.810	MAX
MIN	0.240	0.140	0.155	0.500	2.43	6.35	6.11	1.99	1.36	0.982	0.735	0.535	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.07
MAXIMUM DAILY, 19.0 ON JUN 23
MINIMUM DAILY, 0.140B ON FEB 16
MAXIMUM INSTANTANEOUS,
21.8 AT 00:45 PST ON JUN 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 37 N
LONG 123 05 33 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	916	JUL	23 500
FEB	435	AUG	12 100
MAR	643	SEP	5 530
APR 4	490	OCT	4 540
MAY 14	400	NOV	2 440
JUN 25	900	DEC	1 820

TOTAL DISCHARGE, 96 700 dam³

BIG SHEEP CREEK NEAR ROSSLAND - STATION NO. 08NE039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19	0.932	0.763	8.18	14.6	40.0 E	6.56	1.48	0.982	0.514	0.604	1.44	1
2	1.14	0.935	0.763	11.3	14.1	39.0 E	6.23	1.38	0.949	0.521	0.572	1.41	2
3	1.11	0.982	0.758	14.0	14.0	33.5 E	5.94	1.29	0.905	0.545	0.537	1.34	3
4	1.13	0.982	0.804	14.1	14.5	30.0 E	5.33	1.20	0.874	0.570	0.534	1.31	4
5	1.11	0.951	0.810	13.8	16.4	25.6 E	4.87	1.15	0.850	0.592	0.555	1.29	5
6	1.12	0.940	0.852	13.6	20.6	27.0 E	5.05	1.10	0.846	0.677	0.525	1.21	6
7	1.12	0.921	0.901	14.3	19.9	30.0 E	5.69	1.02	0.815	0.520	0.529	1.15	7
8	1.14 A	0.916	1.04	15.8	16.7	25.0 E	4.83	0.974	0.797	0.522	0.546	1.12	8
9	1.12	0.911	1.16	15.9	14.7	24.0 E	4.36	0.946	0.776	0.522	0.565	1.15	9
10	1.32	0.909	1.24	14.6	13.4	28.5 E	3.93	0.915	0.715	0.539	0.612	1.21	10
11	1.24	0.897	1.28	13.7	13.1	26.5 E	3.56	0.952	0.713	0.540	0.638	1.29	11
12	1.16	0.895	1.23	13.1	13.9	23.7 A	3.34	0.891	0.704	0.532	0.612	1.18	12
13	1.22	0.894	1.23	12.8	14.0	21.8	3.33	0.839	0.676	0.533	0.595	1.13	13
14	1.22	0.650B	1.24	12.6	14.2E	19.7	3.00	0.827	0.644	0.524	0.585	1.10	14
15	1.17	0.580B	1.23	13.1	14.4E	17.7	2.72	0.823	0.640	0.525	0.588	1.03	15
16	1.17	0.790B	1.27	13.8	14.5E	16.4	2.47	0.822	0.647	0.541	0.588	1.02	16
17	1.13	0.915B	1.35	15.1	14.6E	17.6	2.26	0.802	0.663	0.518	0.586	1.04	17
18	1.12 B	0.921B	1.52	15.9	14.7E	16.5	2.15	0.830	0.649	0.518	0.592	1.03 B	18
19	1.11 B	0.929B	1.78	17.1	14.6E	15.1	2.04	0.882	0.642	0.545	0.594	0.800B	19
20	1.10 B	0.880B	2.61	18.2	14.6E	14.2	1.91	0.856	0.619	0.533	0.598	0.700B	20
21	1.10	0.801	3.64	20.4	14.8E	13.3	1.80	1.10	0.611	0.543	0.620	0.850B	21
22	1.09	0.756	3.97	26.9	15.3E	12.4	1.73	1.14	0.601	0.557	0.644	0.950B	22
23	1.08	0.767	3.91	29.1	16.3A	11.7	1.65	0.979	0.575	0.558	0.692	1.00 B	23
24	1.06	0.743	3.62	31.5	16.6	11.0	1.57	0.941	0.568	0.555	0.887	0.980B	24
25	1.05	0.752	3.52	27.7	25.1	10.2	1.78	0.914	0.552	0.542	1.51	0.960B	25
26	0.992	0.781	3.45	22.8	25.8A	9.26	2.36	0.932	0.543	0.534	1.85	0.940B	26
27	0.986	0.753	3.56	19.1	24.5E	8.56	2.39	0.850	0.537	0.531	1.65	0.920B	27
28	0.971	0.767	3.82	17.9	22.5E	7.74	2.21	0.815	0.546	0.532	1.60	0.900B	28
29	0.965		4.10	16.7	20.2E	7.36	1.89	0.828	0.538	0.525	1.55	0.880B	29
30	0.988		4.77	15.5	24.0E	6.93	1.69	0.907	0.526	0.533	1.49	0.950B	30
31	0.976		5.98		30.0E		1.56	1.02		0.607		0.840B	31
TOTAL	34.918	23.850	68.251	508.88	543.7	590.25	100.20	30.405	20.703	16.848	24.048	33.020	TOTAL
MEAN	1.13	0.852	2.20	17.0	17.5	19.7	3.23	0.981	0.690	0.544	0.802	1.07	MEAN
MAX	1.34	0.982	4.99	31.5	30.0	40.0	6.56	1.48	0.982	0.677	1.85	1.44	MAX
MIN	0.971	0.580	0.758	8.18	13.1	6.93	1.56	0.802	0.526	0.514	0.525	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.47
MAXIMUM DAILY, 40.0E ON JUN 01
MINIMUM DAILY, 0.514 ON OCT 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 00 N
LONG 117 56 40 W
DRAINAGE AREA, 347 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 020	JUL	8 660
FEB	2 060	AUG	2 630
MAR	5 900	SEP	1 790
APR	44 000	OCT	1 460
MAY	47 000	NOV	2 080
JUN	51 000	DEC	2 850

TOTAL DISCHARGE, 172 000 dam³

BINGS CREEK NEAR THE MOUTH - STATION NO. 08HA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.268	1.54	0.503	0.200	0.153	0.127	0.064	0.031	0.024	0.022	0.077	1.60	1
2	0.233	2.11	0.469	0.195	0.140	0.119	0.071	0.027	0.021	0.024	0.052	1.12	2
3	0.281	3.49	0.438	0.181	0.136	0.233	0.058	0.029	0.019	0.035	0.171	5.41	3
4	0.469	2.36	0.485	0.171	0.119	0.210	0.055	0.022	0.017	0.044	0.119	12.0	4
5	1.77	3.57	0.469	0.161	0.112	0.161	0.058	0.024	0.015	0.029	0.105	2.51	5
6	1.77	2.21	0.595	0.153	0.105	0.171	0.052	0.018	0.017	0.029	0.097	1.81	6
7	3.85	1.63	1.18	0.153	0.105	0.127	0.052	0.017	0.015	0.029	0.127	1.77	7
8	1.80	1.12	0.922	0.136	0.097	0.190	0.048	0.017	0.017	0.027	0.136	1.67	8
9	1.83	1.29	1.49	0.136	0.097	0.181	0.048	0.017	0.014	0.031	1.18	2.70	9
10	1.10	1.74	1.60	0.127	0.097	0.190	0.044	0.017	0.018	0.029	4.65	2.78	10
11	0.995	2.32	1.32	0.136	0.112	0.136	0.044	0.015	0.015	0.031	2.86	1.12	11
12	0.696	1.74	2.51	0.127	0.097	0.136	0.039	0.014	0.011	0.044	0.503	0.922	12
13	0.696	1.10	0.874	0.144	0.105	0.127	0.039	0.014	0.015	0.029	1.36	0.805	13
14	0.595	0.874	0.696	0.136	0.090	0.112	0.039	0.012	0.011	0.105	0.995	0.874	14
15	0.539	0.718	0.675	0.127	0.083	0.097	0.035	0.020	0.014	0.044	1.12	1.10	15
16	0.539	0.655	0.595	0.119	0.083	0.097	0.035	0.024	0.024	0.039	1.07	0.922	16
17	0.438	0.503	0.675	0.112	0.097	0.083	0.039	0.024	0.024	0.077	1.05	0.946	17
18	0.308	0.503	0.718	0.153	0.090E	0.077	0.039	0.029	0.027	0.097	0.805	0.874	18
19	0.308	0.407	0.655	0.127	0.083	0.071	0.031	0.027	0.018	0.048	0.805	0.761	19
20	0.281	0.557	0.575	0.119	0.083	0.074	0.039	0.022	0.009	0.044	0.557	0.557B	20
21	0.281	0.696	0.539	0.127	0.083	0.064	0.039	0.024	0.011	0.083	0.557	0.485B	21
22	0.378	0.557	0.557	0.127	0.083	0.064	0.035	0.017	0.012	0.064	1.02	0.430B	22
23	0.454	0.503	0.485	0.322	0.090	0.058	0.035	0.017	0.017	0.058	5.97	0.378	23
24	0.393	0.696	0.393	0.190	0.077	0.058	0.035	0.017	0.020	0.077	3.52	0.378	24
25	0.469E	0.718	0.322	0.308	0.077	0.058	0.035	0.020	0.020	0.200	2.03	0.378	25
26	0.615	0.686	0.295	0.233	0.077	0.058	0.031	0.018	0.020	0.144	1.32	0.322	26
27	1.05	0.615	0.256	0.256	0.077	0.058	0.031	0.017	0.020	0.083	1.07	0.335	27
28	1.80	0.557	0.256	0.210	0.077	0.064	0.031	0.017	0.020	0.097E	0.897	0.017	28
29	2.08		0.245	0.181	0.071	0.064	0.029	0.020	0.022	0.094	1.63	0.015	29
30	1.74		0.233	0.161	0.071	0.064	0.020	0.035	0.022	0.083	0.575	0.268	30
31	1.25		0.210		0.210		0.029	0.024		0.083		0.308	31
TOTAL	29.296	35.465	21.235	5.028	3.077	3.329	1.279	0.646	0.529	1.923	38.428	45.565	TOTAL
MEAN	0.945	1.27	0.685	0.168	0.099	0.111	0.041	0.021	0.018	0.062	1.28	1.47	MEAN
MAX	3.85	3.57	2.51	0.322	0.210	0.233	0.071	0.035	0.027	0.200	5.97	12.0	MAX
MIN	0.233	0.407	0.210	0.112	0.071	0.058	0.020	0.012	0.009	0.022	0.052	0.015	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.509
MAXIMUM DAILY, 12.0 ON DEC 04
MINIMUM DAILY, 0.009 ON SEP 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 22 N
LONG 123 43 28 W
DRAINAGE AREA, 15.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 530	JUL	111
FEB	3 060	AUG	52.8
MAR	1 830	SEP	45.7
APR	434	OCT	166
MAY	266	NOV	3 320
JUN	288	DEC	3 940

TOTAL DISCHARGE, 16 000 dam³

BLAEBERRY RIVER ABOVE WILLOWBANK CREEK - STATION NO. 08NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.41	1.71B	2.45B	3.53	12.6	62.2	68.0	51.6	23.1	11.7	5.80	5.06	1
2	3.32	1.98B	2.46B	4.19	12.2	59.9	59.6	47.0	20.7	10.6	5.33	5.78	2
3	3.16	2.60B	2.47B	5.24	12.5	53.7	68.4	40.9	20.0	9.53	4.72	4.79	3
4	3.16	1.25B	2.45B	6.05	13.8	54.5	56.2	39.4	19.2	12.1	4.94	4.76	4
5	3.13	3.05B	2.50B	6.56	19.8	46.4	53.3	44.0	18.8	15.5	4.33	4.82	5
6	3.16	2.94B	2.53B	6.99	31.0	39.4	68.8	47.8	19.7	10.1	4.51	4.59	6
7	3.21	1.80B	2.60B	7.45	29.7	37.0	75.4	47.5	21.3	8.62	4.81	4.49	7
8	3.18	1.66B	2.51	7.52	24.8	35.3	68.9	43.4	22.1	7.91	4.85	4.46	8
9	3.21	1.60B	2.36	7.01	21.9	34.5	66.8	43.0	22.1	7.80	4.90E	4.53	9
10	3.07	1.65B	2.40	6.36	20.0	40.0	67.6	44.3	22.5	8.59	5.12E	4.26	10
11	2.60B	3.20B	2.37	6.13	19.5	58.2	67.5	46.2	23.1	7.62	6.00E	4.32	11
12	2.10B	3.00B	2.36	6.02	19.6	49.8	77.0	46.8	22.4	7.39	7.70E	3.59	12
13	2.45B	2.50B	2.24	6.18	19.4	41.9	83.0	48.2	18.5	7.50	7.60E	3.30B	13
14	2.90B	1.85B	2.22	6.28	19.1	38.6	74.4	51.3	18.5	6.97	7.20E	3.06B	14
15	3.10B	1.69B	2.32	6.67	18.4	40.8	61.7	49.7	21.2	6.60	6.90E	2.94B	15
16	2.97B	1.60B	2.36	7.72	18.6	48.5	65.6	46.5	25.1	6.58	6.67E	2.93B	16
17	2.67B	1.90B	2.35	9.03	19.8	59.5	58.4	42.6	23.8	6.20	6.53E	2.98B	17
18	2.40B	2.00B	2.35	10.5	20.0	63.4	50.7	38.6	18.8	6.14	6.40E	2.89B	18
19	2.17B	2.10B	2.36	12.3	20.1	60.6	47.0	37.4	16.7	6.02	6.29E	2.74B	19
20	2.12B	2.25B	2.36	14.2	20.7	58.2	42.6	38.5	15.4	5.79	6.19E	2.65B	20
21	2.36B	2.71B	2.54	16.0	22.8	60.2	42.0	41.7	14.4	5.71	6.09	2.59B	21
22	2.68B	3.00B	2.21	17.2	22.6	67.3	43.6	45.1	15.5	5.59	5.96	2.62B	22
23	2.89B	3.05B	2.26B	19.5	25.5	80.0	46.4	49.0E	17.5	5.49	6.38	2.76B	23
24	2.80B	2.87B	2.31B	21.9	32.4	84.7	53.1	28.0E	19.5	5.51	7.43	2.94B	24
25	2.79B	2.85B	2.37	21.8	40.4	86.6E	48.0	23.0E	20.4	5.52	5.96	3.00B	25
26	2.69B	2.74B	2.42	19.9	45.3	79.6	48.5	21.8E	18.3	7.28	5.08	2.99B	26
27	2.45B	2.61B	2.52	18.0	46.2	77.5	51.5	20.4E	15.2	6.26	5.93	2.75B	27
28	2.60B	2.47B	2.57	15.7	50.6	69.7	49.8	19.7	14.0	6.33	5.47	2.48B	28
29	2.73B		2.61	14.1	52.1	63.2	47.8	20.5	13.3	5.99	5.18	2.55B	29
30	2.30B		2.73	13.0	55.1	65.1	50.1	26.4	13.6	5.93	5.19	2.89B	30
31	1.75B		2.99		71.4		50.1	28.2		6.14		3.00B	31
TOTAL	85.53	70.63	75.55	323.03	874.8	1 716.3	1 811.8	1 209.5	574.7	235.01	175.46	109.51	TOTAL
MEAN	2.76	2.52	2.44	10.8	28.2	57.2	58.4	39.0	19.2	7.58	5.85	3.53	MEAN
MAX	3.41	3.25	2.99	21.9	71.4	86.6	83.0	51.6	25.1	15.5	7.70	5.78	MAX
MIN	1.75	1.60	2.21	3.53	12.2	34.5	42.0	19.7	13.3	5.49	4.33	2.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 86.6E ON JUN 25
MINIMUM DAILY, 1.60B ON FEB 16

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 53 N
LONG 116 58 06 W
DRAINAGE AREA, 588 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 390	JUL	157 000
FEB	6 100	AUG	105 000
MAR	6 530	SEP	49 700
APR	27 900	OCT	20 300
MAY	75 600	NOV	15 200
JUN	148 000	DEC	9 460

TOTAL DISCHARGE, 628 000 dam³

BLAEBERRY RIVER BELOW ENSIGN CREEK - STATION NO. 08NB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60 E	0.678B	0.955E	1.08E	4.90E	23.9	32.3	25.1	9.23	4.08	3.43	3.13	1
2	1.58 E	0.780B	0.960E	1.20E	4.80E	24.1	27.8	21.2	8.84	3.74	3.17	3.13	2
3	1.52 E	1.04 B	0.960E	1.38E	5.00E	24.6	31.5	17.3	8.33	3.53	3.18	3.21	3
4	1.50 E	1.28 B	0.957E	1.59A	6.00E	23.5	24.9	19.1	8.05	4.98	3.24	3.20	4
5	1.50 E	1.22 B	0.970E	2.00E	8.00E	18.8	26.1	22.6	8.17	5.17	3.20	3.18	5
6	1.52 E	1.16 B	0.982A	2.45E	11.8 E	16.1	36.8	26.0	8.55	4.30	3.93	3.09	6
7	1.54 E	1.10 B	1.00 E	2.78E	11.0 E	15.4	35.7	23.5	9.15	4.04	3.75	3.13	7
8	1.50 E	1.06 B	0.985E	2.87E	9.08A	14.7	31.9	22.0	9.28	3.95	3.19	3.12	8
9	1.39 A	1.04 B	0.922E	2.70E	8.09E	14.8	32.3	22.4	9.10	3.94	3.14	3.02	9
10	1.34 E	1.02 B	0.933E	2.44E	7.70E	16.4	32.1	24.6	9.25	3.97	3.18	3.02	10
11	1.10 B	1.26 B	0.922E	2.40E	7.70E	23.7	35.7	25.9	9.37	3.83	3.86	2.97	11
12	0.910B	1.20 B	0.920E	2.39E	7.90E	17.9	42.6	23.3	8.35	3.79	5.04	2.75B	12
13	1.08 B	0.940B	0.872E	2.40E	7.78E	14.8	40.9	22.7	7.25	3.77	5.01	2.50B	13
14	1.26 B	0.760B	0.880E	2.49E	7.72E	13.7	29.5	30.2	7.66	3.69	4.75	2.33B	14
15	1.32 B	0.673B	0.915E	2.65E	7.80E	14.8	23.4	25.6	8.21	3.68	4.35	2.26B	15
16	1.26 B	0.640B	0.920E	3.00E	8.20E	18.1	29.1	24.0	8.85	3.71	4.07	2.20B	16
17	1.14 B	0.742B	0.920E	3.50E	8.70	22.8	21.2	21.2	7.46	3.64	3.94	2.25B	17
18	1.00 B	0.775B	0.920E	4.20E	9.04	25.3	19.3	19.8	6.28	3.60	3.82	2.17B	18
19	0.925B	0.815B	0.920E	4.80E	9.10	22.6	19.1	18.0	5.87	3.57	3.71	2.09B	19
20	0.905B	0.870B	0.930E	5.55E	9.18	21.7	16.0	18.5	5.35	3.45	3.55	2.01B	20
21	0.950B	1.07 B	0.970E	6.08E	9.71	23.2	16.3	21.3	5.26	3.46	3.45	1.96B	21
22	1.08 B	1.17 B	0.870E	6.80E	9.20	28.9	17.7	22.5	5.53	3.41	3.41	2.00B	22
23	1.15 B	1.18 B	0.880E	7.60E	9.95	31.4	21.3	18.2	6.24	3.37	3.57	2.09B	23
24	1.12 B	1.13 B	0.903E	8.40E	13.0	35.0	25.5	11.7	6.69	3.32	3.66	2.20B	24
25	1.11 B	1.11 B	0.928E	8.13E	15.7	32.1	21.8	9.92	6.88	3.48	3.68	2.29B	25
26	1.06 B	1.07 B	0.950E	7.69E	18.0	33.3	23.3	9.49	5.91	3.97	3.69B	2.27B	26
27	0.979B	1.02 B	0.985E	6.70E	19.9	34.9	24.7	8.64	5.17	3.58	3.69B	2.10B	27
28	1.00 B	0.965B	1.00 E	5.95E	21.4	30.4	22.3	8.42	4.82	3.62	3.70	1.89B	28
29	1.09 B		1.02 E	5.49E	22.0	28.2	22.7	9.10	4.91	3.50	3.33	1.92B	29
30	0.900B		1.04 E	5.15E	22.0	34.2	24.3	12.7	4.40	3.43	3.21	2.13B	30
31	0.700B		1.05 E		26.4		24.1	11.3		3.48		2.25B	31
TOTAL	37.029	27.748	29.339	121.86	358.35	701.4	832.2	601.27	218.41	117.05	110.90	77.87	TOTAL
MEAN	1.19	0.991	0.946	4.06	11.6	23.4	26.8	19.4	7.28	3.78	3.70	2.51	MEAN
MAX	1.60	1.28	1.05	8.40	32.0	35.0	42.6	30.2	9.37	5.17	5.04	3.21	MAX
MIN	0.700	0.640	0.870	1.08	4.80	13.7	16.0	8.42	4.40	3.32	3.14	1.89	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.86
MAXIMUM DAILY, 42.6 ON JUL 12
MINIMUM DAILY, 0.640B ON FEB 16
MAXIMUM INSTANTANEOUS,
51.7 AT 17:36 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 17 N
LONG 116 44 33 W

DRAINAGE AREA, 230 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 200	JUL	71 900
FEB	2 400	AUG	51 900
MAR	2 530	SEP	18 900
APR	10 500	OCT	10 100
MAY	31 000	NOV	9 580
JUN	60 600	DEC	6 730

TOTAL DISCHARGE, 279 000 dam³

BLUE RIVER NEAR BLUE RIVER - STATION NO. 08LB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.69B	1.82B	1.72B	2.15	11.8	40.2	27.0E	11.0 E	9.27	1.78	3.67	3.87B	1
2	2.66B	1.83B	1.76B	2.82	13.3	41.2	31.6E	10.4 E	6.93	1.95	3.33	3.54B	2
3	2.61B	1.84B	1.79B	3.69	14.7	40.1	32.0E	9.91E	5.47	1.91	3.29	3.32B	3
4	2.59B	1.87B	1.79B	3.89	19.9	39.0	34.5E	9.70E	4.74	7.94	3.36	3.16B	4
5	2.59B	1.88B	1.78B	4.15	32.2	33.0	32.8E	10.0 E	4.44	7.30	3.14	2.99B	5
6	2.57B	1.89B	1.76B	4.61	42.5	28.3	31.0E	10.4 E	4.21	4.27	2.94B	2.88B	6
7	2.51B	1.89B	1.74B	5.34	28.9	28.7	29.4E	9.82E	3.99	3.59	2.87B	2.79B	7
8	2.48B	1.67B	1.75B	5.45	22.2	30.6	31.0E	9.20E	3.82	3.34	2.86B	2.72B	8
9	2.41B	1.86B	1.76B	5.01	19.7	32.1	32.8E	8.70E	3.75	4.68	2.88B	2.66B	9
10	2.36B	1.84B	1.78B	4.63	18.8	37.2A	34.5E	8.15E	3.65	5.86	3.06B	2.60B	10
11	2.32B	1.82B	1.80B	4.38	21.2	53.3E	35.6E	7.74E	3.56	4.45	11.3	2.56B	11
12	2.29B	1.79B	1.83B	4.44	22.5	39.6E	33.0E	7.26E	3.80	4.38	10.5	2.52B	12
13	2.27B	1.77B	1.86B	5.11	19.4	30.4E	30.0E	6.91E	3.67E	4.35	11.4	2.51B	13
14	2.24B	1.74B	1.87B	5.83	18.6	28.7E	28.3E	6.57A	3.54E	3.92	10.4 A	2.52B	14
15	2.22B	1.69B	1.89B	7.54	19.8	31.3E	26.2E	5.84	3.25E	3.52	11.8	2.53B	15
16	2.20B	1.66B	1.90B	8.98	21.6	35.4E	24.8E	6.68	3.35E	3.27	9.81	2.54B	16
17	2.15B	1.63B	1.91B	10.2	22.5	34.4E	23.4E	6.73	3.53E	3.05	8.86	2.54B	17
18	2.13B	1.59B	1.90B	12.5	22.9	34.7E	21.7E	6.17	3.68E	3.08	7.56	2.52B	18
19	2.12B	1.57B	1.89B	15.2	23.5	34.9E	20.0E	5.89	3.27E	3.09	6.83	2.48B	19
20	2.11B	1.55B	1.87B	24.3	23.8	33.7E	19.3E	5.98	3.08E	2.88	6.27	2.34B	20
21	2.12B	1.53B	1.73B	25.9	26.1	36.2E	19.2E	6.12	2.79E	3.04	5.65B	2.24B	21
22	2.10B	1.52B	1.66B	24.5	25.4	37.4E	19.3E	7.58	2.53E	3.06	5.24B	2.15B	22
23	2.08B	1.53B	1.58B	24.7	27.1	46.5E	18.2E	7.37	2.40E	2.89	4.95B	2.06B	23
24	2.07B	1.54B	1.55B	23.9	32.4	43.0E	17.3E	6.66	2.29E	3.01	5.05B	1.97B	24
25	2.05B	1.55B	1.53B	20.5	44.0	34.8E	16.5E	6.01	2.18E	4.21	5.42B	1.88B	25
26	2.02B	1.56B	1.51B	16.4	45.4	31.9E	15.8E	7.52	2.09A	5.25	5.28B	1.80B	26
27	1.99B	1.59B	1.49B	14.4	38.9	26.4E	15.2E	6.59	2.03	4.54	5.00B	1.76B	27
28	1.97B	1.64B	1.49B	12.6	43.9	27.7E	14.7E	6.18	1.93	4.95	4.67B	1.77B	28
29	1.94B		1.51B	11.3	53.4	28.3E	14.2E	5.90	1.87	4.61	4.38B	1.78B	29
30	1.88B		1.57B	10.8	55.0	26.4E	13.8E	9.99	1.83	4.37	4.19B	1.79B	30
31	1.83B		1.83		42.6		11.9E	10.5		4.07		1.79B	31
TOTAL	69.57	47.86	53.80	325.22	874.0	1 045.4	755.1	243.47	106.94	122.61	180.96	76.58	TOTAL
MEAN	2.24	1.71	1.74	10.8	28.2	34.8	24.4	7.85	3.56	3.96	6.03	2.47	MEAN
MAX	2.69	1.89	1.91	25.9	55.0	53.3	35.6	11.0	9.27	7.94	15.4	3.87	MAX
MIN	1.83	1.52	1.49	2.15	11.8	26.4	11.9	5.84	1.83	1.78	2.86	1.76	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 55.0 ON MAY 30
MINIMUM DAILY, 1.49B ON MAR 27
MAXIMUM INSTANTANEOUS,
60.5 AT 01:16 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 00 N
LONG 119 18 05 W

DRAINAGE AREA, 280 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 010	JUL	65 200
FEB	4 140	AUG	21 000
MAR	4 650	SEP	9 240
APR	28 100	OCT	10 600
MAY	75 500	NOV	15 600
JUN	90 300	DEC	6 620

TOTAL DISCHARGE, 337 000 dam³

BLUE RIVER NEAR THE MOUTH - STATION NO. 10AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20B	4.68B	5.23B	4.65B	8.79B	193	56.1	23.8	12.9	11.9	8.60B	6.90B	1
2	6.10B	4.70B	5.22B	4.70B	9.10B	148	57.3	21.8	12.5	12.1	8.20B	6.95B	2
3	6.00B	4.75B	5.20B	4.73B	9.36	111	55.9	20.3	12.6	12.0	8.00B	7.00B	3
4	5.90B	4.80B	5.16B	4.78B	9.67	99.2	49.6	19.1	12.4	11.7	8.10B	7.00B	4
5	5.70B	4.83B	5.06B	4.80B	9.98	99.6	46.8	18.6	12.7	11.4	8.20B	7.00B	5
6	5.60B	4.89B	5.00B	4.82B	12.9	97.6	44.9	18.3	12.9	11.1	8.00B	6.90B	6
7	5.58B	4.96B	4.97B	4.86B	14.0	101	43.9	18.2	12.7	11.0	7.80B	6.80B	7
8	5.55B	4.98B	4.90B	4.90B	15.5	107	45.1	17.4	12.2	11.1	7.70B	6.70B	8
9	5.50B	4.99B	4.83B	4.95B	16.3	91.0	43.3	16.3	12.0	11.7	7.60B	6.70B	9
10	5.50B	5.00B	4.80B	4.99B	17.2	77.1	41.7	16.3	12.1	11.8	7.50B	6.70B	10
11	5.49B	5.03B	4.74B	5.02B	16.2	72.5	41.8	16.5	11.7	11.2	7.40B	6.64B	11
12	5.47B	5.05B	4.76B	5.04B	15.4	70.6	37.0	16.5	11.9	11.0	7.38B	6.62B	12
13	5.45B	5.05B	4.79B	5.09B	15.6	74.7	34.9	15.9	12.0	10.9	7.40B	6.61B	13
14	5.45B	5.04B	4.81B	5.14B	16.6	83.4	32.1	16.2	11.9	9.00B	7.50B	6.56B	14
15	5.50B	5.03B	4.85B	5.20B	18.3	83.7	30.1	17.7	11.7	7.80B	7.50B	6.50B	15
16	5.55B	5.00B	4.83B	5.30B	22.6	79.2	31.0	17.6	12.2	6.90B	7.40B	6.47B	16
17	5.60B	4.96B	4.73B	5.43B	25.7	65.6	33.8	16.2	11.7	6.14B	7.30B	6.43B	17
18	5.58B	4.96B	4.60B	5.60B	28.0	56.8	35.4	15.3	11.3	6.80B	7.20B	6.40B	18
19	5.50B	4.97B	4.50B	5.80B	31.6	52.4	34.0	14.8	11.0	7.40B	7.10B	6.37B	19
20	5.40B	4.98B	4.43B	6.00B	34.0	49.1	31.4	15.3	11.5	8.10B	7.00B	6.35B	20
21	5.35B	4.99B	4.38B	6.20B	36.0	48.6	31.4	17.0	11.5	8.60B	6.90B	6.30B	21
22	5.25B	5.00B	4.40B	6.43B	40.6	53.9	31.6	16.5	11.2	8.60B	6.85B	6.25B	22
23	5.18B	5.12B	4.45B	6.65B	42.6	60.6	33.3	16.8	11.1	8.50B	6.80B	6.20B	23
24	5.10B	5.14B	4.55B	6.95B	39.4	55.4	31.4	16.5	11.9	8.40B	6.65B	6.30B	24
25	5.05B	5.16B	4.58B	7.17B	36.6	51.7	30.2	15.0	14.1	8.20B	6.60B	6.40B	25
26	5.00B	5.20B	4.59B	7.40B	38.4	50.4	28.0	14.7	13.6	8.00B	6.65B	6.30B	26
27	4.92B	5.21B	4.59B	7.65B	41.9	53.8	26.4	14.1	12.8	8.10B	6.70B	6.20B	27
28	4.83B	5.22B	4.60B	7.92B	55.2	51.5	23.8	13.8	12.7	8.40B	6.80B	6.00B	28
29	4.75B		4.61B	8.18B	73.1	53.5	23.0	13.6	12.7	8.70B	6.85B	5.95B	29
30	4.68B		4.61B	8.45B	86.4	56.4	22.7	13.5	12.2	8.90B	6.80B	5.90B	30
31	4.68B		4.62B		127		23.7	13.1		8.70B		5.80B	31
TOTAL	167.41	139.69	147.39	174.80	964.00	2 348.1	1 131.6	516.9	365.7	294.04	220.48	201.20	TOTAL
MEAN	5.40	4.99	4.75	5.83	31.1	78.3	36.5	16.7	12.2	9.49	7.35	6.49	MEAN
MAX	6.20	5.22	5.23	8.45	127	193	57.3	23.8	14.1	12.1	8.60	7.00	MAX
MIN	4.68	4.68	4.38	4.65	8.79	48.6	22.7	13.1	11.0	6.14	6.60	5.80	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 193 ON JUN 01
MINIMUM DAILY, 4.38B ON MAR 21
MAXIMUM INSTANTANEOUS,
201 AT 15:51 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 45 30 N
LONG 129 07 40 W
DRAINAGE AREA, 1 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 500	JUL	97 800
FEB	12 100	AUG	44 700
MAR	14 700	SEP	31 600
APR	15 100	OCT	25 400
MAY	83 300	NOV	19 000
JUN	203 000	DEC	17 400

TOTAL DISCHARGE, 577 000 dam³

BLUEBERRY RIVER BELOW AITKEN CREEK - STATION NO. 07FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.129B	0.056B	0.086B	2.45B	70.8	124	19.2	0.404	0.081	0.009	0.140B	0.065B	1
2	0.125B	0.056B	0.096B	4.09B	86.1	91.3	43.9	0.370	0.072	0.021	0.138B	0.062B	2
3	0.122B	0.057B	0.098B	4.65B	75.5	57.5	31.9	0.343	0.072	0.017	0.136B	0.058B	3
4	0.120B	0.059B	0.099B	5.20B	64.8	39.3	26.7	0.294	0.023	0.042	0.132B	0.055B	4
5	0.118B	0.060B	0.100B	5.40B	54.0	30.1	18.0	0.266	0.070	0.090B	0.130B	0.055B	5
6	0.116B	0.064B	0.101B	5.40B	45.8	47.0	13.1	0.235	0.054	0.125B	0.130B	0.058B	6
7	0.110B	0.065B	0.098B	5.25B	42.3	48.8	9.46	0.185	0.101	0.150B	0.132B	0.059B	7
8	0.110B	0.068B	0.096B	5.05B	40.5	15.0	6.90	0.162	0.047	0.165B	0.135B	0.060B	8
9	0.110B	0.069B	0.092B	4.92B	33.7	24.9	5.54	0.140	0.037	0.170B	0.133B	0.061B	9
10	0.110B	0.070B	0.092B	4.85B	27.4	21.7	5.22	0.100	0.060	0.174B	0.128B	0.060B	10
11	0.108B	0.070B	0.094B	4.55B	26.0	45.6	4.54	0.105	0.126	0.170B	0.119B	0.060B	11
12	0.108B	0.070B	0.098B	4.38B	35.9	82.4	3.68	0.062	0.068	0.160B	0.103B	0.059B	12
13	0.108B	0.068B	0.102B	4.20B	48.4	51.0	2.77	0.062	0.005	0.158B	0.102B	0.058B	13
14	0.110B	0.068B	0.106B	4.10B	47.1	29.1	2.16	0.040	0	0.155B	0.100B	0.057B	14
15	0.112B	0.066B	0.110B	4.70B	39.8	18.3	1.76	0.064	0.007	0.152B	0.095B	0.055B	15
16	0.112B	0.064B	0.112B	5.20B	31.1	13.0	1.38	0.072	0.018	0.150B	0.098B	0.053B	16
17	0.118B	0.062B	0.114B	6.00B	25.0	9.93	1.35	0.096	0.055	0.147B	0.100B	0.052B	17
18	0.119B	0.060B	0.118B	6.89B	21.0	7.49	1.59	0.150	0.049	0.145B	0.102B	0.050B	18
19	0.120B	0.059B	0.118B	7.40B	20.3	5.91	1.35	0.145	0.013	0.143B	0.103B	0.049B	19
20	0.120B	0.058B	0.116B	8.20B	22.4	4.80	4.05	0.072	0.004	0.141B	0.104B	0.047B	20
21	0.119B	0.058B	0.114B	9.20B	18.7	3.82	2.97	0.081	0	0.140B	0.104B	0.044B	21
22	0.117B	0.059B	0.114B	10.4 B	15.4	3.04	1.95	0.121	0.009	0.142B	0.095B	0.040B	22
23	0.109B	0.062B	0.116B	11.0 B	13.2	2.62	1.95	0.152	0.019	0.145B	0.083B	0.040B	23
24	0.102B	0.064B	0.120B	11.0 B	11.3	2.07	1.72	0.126	0.009	0.148B	0.083B	0.040B	24
25	0.092B	0.070B	0.128B	12.0 B	14.4	1.60	1.52			0.150B	0.085B	0.041B	25
				13.5 B									
26	0.084B	0.074B	0.145B	14.3 B	69.1	1.53	1.29	0.125	0	0.152B	0.085B	0.040B	26
27	0.078B	0.078B	0.220B	15.0 B	69.0	1.57	1.13	0.119	0.002	0.150B	0.081B	0.039B	27
28	0.070B	0.080B	0.390B	16.0 B	43.3	1.97	0.892	0.093	0	0.148B	0.076B	0.038B	28
29	0.062B		0.610B	17.7 B	28.6	2.69	0.680	0.094	0.001	0.146B	0.072B	0.036B	29
30	0.058B		0.960B	35.5	20.2	3.42	0.552	0.071	0	0.145B	0.068B	0.036B	30
31	0.056B		1.50 B		41.2		0.465	0.082		0.143B		0.037B	31
TOTAL	3.252	1.814	6.463	257.48	1 202.1	811.16	227.979	4.521	1.012	4.093	3.192	1.564	TOTAL
MEAN	0.105	0.065	0.209	8.58	38.8	27.0	7.35	0.146	0.034	0.132	0.106	0.051	MEAN
MAX	0.129	0.080	1.50	35.5	86.1	124	43.9	0.404	0.126	0.174	0.140	0.065	MAX
MIN	0.056	0.056	0.086	2.45	11.2	1.53	0.465	0.040	0	0.009	0.068	0.036	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.92
MAXIMUM DAILY, 124 ON JUN 01
MINIMUM DAILY, 0 ON SEP 14
MAXIMUM INSTANTANEOUS,
146 AT 13:09 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 40 38 N
LONG 121 13 15 W
DRAINAGE AREA, 1 750 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	201	JUL	19 700
FEB	157	AUG	391
MAR	558	SEP	87.4
APR	22 200	OCT	354
MAY	104 000	NOV	276
JUN	70 100	DEC	135

TOTAL DISCHARGE, 218 000 dam³

BONAPARTE RIVER ABOVE LOON CREEK - STATION NO. 08LF066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.47B	2.65B	2.68B	3.21	19.2A	28.2	21.6	9.88	4.22	1.93	1.70	1.90B	1
2	2.45B	2.73B	2.68B	3.51	19.0	26.6E	21.3	9.41	4.05	1.91	1.63	1.98B	2
3	2.44B	2.70B	2.71B	3.96	19.0	25.0E	21.7	8.93	3.84	1.88	1.67	2.02B	3
4	2.48B	2.68B	2.75B	4.58	19.1	24.2	21.7	8.47	3.64	1.86	1.70	2.00B	4
5	2.52B	2.63B	2.81B	5.30	18.9	23.3	22.7	8.10	3.49	1.93	1.68	1.98B	5
6	2.70B	2.54B	2.75B	5.98	18.5	23.6	32.2	7.80	3.40	1.94	1.67	2.00B	6
7	2.88B	2.48B	2.73B	6.56	17.9	24.5	44.2	7.40	3.35	1.95	1.66	2.02B	7
8	2.84B	2.45B	2.75B	7.15	17.6	24.3	49.2	7.05	3.24	1.94	1.58	1.97B	8
9	2.78B	2.50B	2.70B	7.61	17.0	23.5	50.7	6.65	3.13	1.91	1.63	1.90B	9
10	2.65B	2.58B	2.67B	8.07	16.7	23.3	44.3	6.40	3.05	1.91	1.61	1.82B	10
11	2.55B	2.55B	2.59B	8.20	16.7	23.5	38.2	6.16	2.93	1.92	1.66	1.82B	11
12	2.60B	2.50B	2.51B	8.17	17.1	25.3	33.2	5.80	2.81	1.93	1.72	1.83B	12
13	2.75B	2.47B	2.48B	8.16	17.9	43.9	29.1	5.56	2.71	1.92	1.79	1.82B	13
14	2.88B	2.38B	2.42B	8.44	18.2	68.8	26.1	5.28	2.65	1.90	1.83	1.79B	14
15	3.00B	2.32B	2.43B	9.07	18.0	70.6	23.7	5.16	2.58	1.88	1.80	1.74B	15
16	2.85B	2.34B	2.50B	9.71	17.9	63.3	22.0	5.10	2.72	1.90	1.81	1.69B	16
17	2.76B	2.41B	2.55B	10.3	18.0	56.9	20.2	4.89	2.75	1.98	1.82	1.63B	17
18	2.80B	2.40B	2.60B	10.7	18.3	51.7	18.8	4.81	2.71	1.95	1.79	1.57B	18
19	2.82B	2.42B	2.64B	11.0	18.5	47.6	17.3	4.70	2.61	1.89	1.79	1.52B	19
20	2.78B	2.48B	2.68B	11.4	19.4	45.7	16.3	4.72	2.51	1.84	1.84	1.45B	20
21	2.88B	2.53B	2.73B	11.7	20.4	44.5	15.2	4.49	2.45	1.80	1.82	1.41B	21
22	2.84B	2.60B	2.63B	11.9	20.3	43.3	14.2	4.45	2.40	1.81	1.79	1.46B	22
23	2.80B	2.58B	2.60B	12.0	19.8	40.7	13.8	4.67	2.35	1.83	1.91	1.55B	23
24	2.85B	2.63B	2.60B	12.6	19.6	36.8	14.1	4.64	2.28	1.81	2.14A	1.64B	24
25	2.83B	2.72B	2.61B	13.1	20.2	33.4	13.2	4.48	2.22	1.79	1.80B	1.68B	25
26	2.80B	2.73B	2.62B	14.1	22.0	30.4	12.7	4.40	2.15	1.77	1.55B	1.55B	26
27	2.76B	2.70B	2.62B	15.4 A	27.9	27.9	12.1	4.37	2.12	1.77	1.52B	1.48B	27
28	2.71B	2.68B	2.64	16.3 E	31.9	26.0	11.6	4.40	2.08	1.78	1.54B	1.43B	28
29	2.65B		2.72	17.1 E	30.7	24.4	11.1	4.41	2.04	1.82	1.60B	1.47B	29
30	2.58B		2.82	18.1 E	29.6	23.1	10.6	4.42	1.96	1.75	1.88B	1.58B	30
31	2.54B		3.02		28.3		10.2	4.33		1.71		1.64B	31
TOTAL	84.24	71.38	82.24	293.38	632.6	1 075.3	713.3	181.33	84.44	57.91	52.01	53.34	TOTAL
MEAN	2.72	2.55	2.65	9.78	20.4	35.8	23.0	5.85	2.81	1.87	1.73	1.72	MEAN
MAX	3.00	2.73	3.02	18.1	31.9	70.6	50.7	9.88	4.22	1.98	2.14	2.02	MAX
MIN	2.44	2.32	2.42	3.21	16.7	23.1	10.2	4.33	1.96	1.71	1.52	1.41	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.26
MAXIMUM DAILY, 70.6 ON JUN 15
MINIMUM DAILY, 1.41B ON DEC 21
MAXIMUM INSTANTANEOUS
71.6E AT 17:45 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 09 N
LONG 121 26 29 W
DRAINAGE AREA, 3 520 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 280	JUL	61 600
FEB	6 170	AUG	15 700
MAR	7 110	SEP	7 300
APR	25 300	OCT	5 000
MAY	54 700	NOV	4 490
JUN	92 900	DEC	4 610

TOTAL DISCHARGE, 292 000 dam³

BONAPARTE RIVER BELOW BONAPARTE LAKE - STATION NO. 08LF097

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	7.05	9.82	8.66	4.28	2.05	0.860	0.517E	---	1
2	---	---	---	---	7.40E	9.82	8.66	4.18	1.97	0.838E	0.507	---	2
3	---	---	---	---	7.60E	9.82	8.79	4.08	1.91	0.816	0.507E	---	3
4	---	---	---	---	7.68	9.82	8.79	3.89	1.91	0.797E	0.507E	---	4
5	---	---	---	---	7.60E	9.82	8.25	3.70	1.91	0.777	0.507	---	5
6	---	---	---	---	7.55E	9.51	9.22	3.78	1.87 E	0.764E	0.507E	---	6
7	---	---	---	---	7.45E	9.51	8.94	3.70	1.83	0.750E	0.507	---	7
8	---	---	---	---	7.35E	9.22	8.79	3.60	1.76 E	0.736	0.507E	---	8
9	---	---	---	---	7.20E	8.94	8.66	3.42	1.68 E	0.721E	0.507	---	9
10	---	---	---	---	7.15	9.15	8.66	3.42	1.61	0.705	0.507E	---	10
11	---	---	---	---	7.15	9.59	8.10	3.32	1.58 E	0.705E	0.507E	---	11
12	---	---	---	---	7.58	11.4	7.58	3.22	1.54	0.705	0.507	---	12
13	---	---	---	---	8.10	16.5	7.30	3.14	1.51 E	0.705E	0.507E	---	13
14	---	---	---	---	8.66	18.8	7.05	2.87	1.48	0.705E	0.507	---	14
15	---	---	---	---	8.66	19.9	6.81	2.78	1.44 E	0.705	0.507E	---	15
16	---	---	---	---	8.66	19.2	6.58	2.71	1.40 E	0.705E	0.507	---	16
17	---	---	---	---	9.22	18.9	6.44	2.71	1.36	0.705	0.507E	---	17
18	---	---	---	---	9.22	18.6	6.20	2.62	1.26 E	0.663E	0.507	---	18
19	---	---	---	---	8.94	18.9	5.97	2.54	1.17	0.621	0.529E	---	19
20	---	---	---	---	8.94	17.5	5.84	2.45	1.17 E	0.613E	0.552	---	20
21	---	---	---	---	8.94	16.3	5.61	2.45	1.17	0.605E	0.537E	---	21
22	---	---	---	---	8.37	15.7	5.49	2.37	1.14 E	0.597	0.522E	---	22
23	---	---	---	4.20	8.37	13.8	5.49	2.21	1.10 E	0.585E	0.507	---	23
24	---	---	---	4.60E	8.52	13.2	5.49	2.13	1.06	0.573	0.507E	---	24
25	---	---	---	5.20E	8.94	12.4	5.14	2.13	1.06 E	0.563E	0.507E	---	25
26	---	---	---	5.30E	9.82	11.7	5.14	2.13	1.06	0.552	0.507	---	26
27	---	---	---	5.60E	9.82	11.2	4.80	2.05	1.00 E	0.552E	0.507E	---	27
28	---	---	---	6.08	9.96	10.4	4.70	2.05	0.946	0.552E	0.507	---	28
29	---	---	---	6.08	10.1	9.67	4.70	2.05	0.917E	0.552	0.507E	---	29
30	---		---	6.08	10.1	9.22	4.38	2.05	0.889E	0.540E	0.507	---	30
31	---		---		10.1		4.38	2.05		0.528		---	31
TOTAL	---	---	---	---	262.20	388.31	210.71	90.08	42.752	20.795	15.332	---	TOTAL
MEAN	---	---	---	---	8.46	12.9	6.80	2.91	1.43	0.671	0.511	---	MEAN
MAX	---	---	---	---	10.1	19.9	9.22	4.28	2.05	0.860	0.552	---	MAX
MIN	---	---	---	---	7.05	8.94	4.38	2.05	0.889	0.528	0.507	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 19.9 ON JUN 15

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 16 52 N
LONG 120 40 41 W
DRAINAGE AREA, 325 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 200
FEB	---	AUG	7 780
MAR	---	SEP	3 690
APR	---	OCT	1 800
MAY	22 700	NOV	1 320
JUN	33 500	DEC	---

BONAPARTE RIVER BELOW CACHE CREEK - STATION NO. 08LF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.60B	2.50B	3.10B	3.89	20.2	41.5	31.0	16.3	4.77	2.72	2.69	2.72	1
2	3.32	2.70B	3.09B	4.07	21.6	41.9	30.1	15.4	4.67	2.73	2.63	3.00A	2
3	3.59B	2.90B	3.09B	4.36	21.8	37.7	30.8	14.8	4.42	2.70	2.69	3.01E	3
4	3.55B	2.75B	3.11B	4.62	21.8	38.8	29.4	13.4	4.21	2.61	2.78	3.00E	4
5	3.60B	2.85B	3.30	5.34	21.4	36.5	29.6	12.5	4.08	2.69	2.86	2.98E	5
6	3.72	2.78B	3.31	5.90	21.2	35.9	38.3	11.4	3.90	2.74	2.64	3.04E	6
7	3.77	2.63B	3.24	6.78	20.9	36.9	52.4	10.9	3.93	2.73	2.74	3.10E	7
8	3.53	2.52B	3.37	7.48	20.9	36.0	51.0	9.98	3.99	2.78	2.82	3.08E	8
9	3.50	2.70B	3.15	8.05	20.3	35.3	57.3	9.66	3.89	2.79	2.78	3.00E	9
10	3.14	2.80B	3.11	8.39	20.1	35.0	55.8	9.10	3.86	2.78	2.82	2.97E	10
11	2.58	2.83B	2.92	8.64	20.7	34.8	49.4	8.59	3.78	2.63	2.87	3.00E	11
12	2.50B	2.63B	2.84	9.05	21.0	39.0	43.0	7.68	3.57	2.69	2.94	3.00E	12
13	2.60B	2.52B	2.77	9.16	20.9	42.4	37.7	7.29	3.52	2.68	2.97	2.88E	13
14	2.68B	2.41B	3.02	9.61	22.3	59.6	33.7	6.78	3.41	2.63	3.13	2.75E	14
15	2.70B	2.50B	3.03	10.0	22.7	81.9	30.1	6.69	3.34	2.57	3.09	2.64E	15
16	2.73B	2.59B	3.28	10.3	22.0	84.3	27.0	6.36	3.38	2.59	3.06	2.58B	16
17	2.50B	2.62B	3.47	10.6	22.3	77.4	25.7	6.18	3.50	2.72	3.08	2.55B	17
18	2.53B	2.58B	3.92	11.0	24.5	71.2	24.3	6.10	3.52	2.67	3.11	2.50B	18
19	2.58B	2.75B	3.98	11.5	25.6	66.9	22.9	6.28	3.43	2.70	3.02	2.30B	19
20	2.48B	2.90B	4.04	12.5	25.2	63.9	21.5	6.00	3.34	2.68	3.07	2.20B	20
21	2.60B	3.05B	3.90	13.1	25.5	61.3	21.7	5.62	3.32	2.67	2.96	2.05B	21
22	2.74B	3.02B	3.43	13.5	27.1	58.4	19.8	5.35	3.20	2.67	2.94	2.20B	22
23	2.65B	3.00B	3.23	13.0	26.1	57.1	19.4	5.73	3.12	2.72	3.13	2.35B	23
24	2.78B	3.35B	2.86	13.1	27.0	53.3	18.4	5.83	3.10	2.76	3.46	2.50B	24
25	2.84B	3.26B	2.89	13.2	27.9	49.1	19.1	5.63	2.96	2.70	3.12	2.62B	25
26	2.80B	3.21B	3.28	14.1	31.0	45.4	19.9	5.69	2.96	2.62	2.21	2.50B	26
27	2.81B	3.19B	3.34	15.6	34.4	41.9	20.4	5.11	2.85	2.73	2.12	2.35B	27
28	2.82B	3.15B	3.28	16.3	42.9	37.9	19.0	4.92	2.86	2.80	2.16	2.20B	28
29	2.81B		3.35	20.7	45.3	36.3	18.2	4.77	2.84	2.78	2.61	2.08B	29
30	2.60B		3.49	20.2	42.9	33.1	17.2	4.79	2.75	2.80	2.93	2.18B	30
31	2.35B		3.78		41.4		16.9	4.80		2.80		2.30B	31
TOTAL	91.00	78.69	101.97	314.04	808.9	1 470.7	931.0	249.63	106.47	83.88	85.43	81.64	TOTAL
MEAN	2.94	2.81	3.29	10.5	26.1	49.0	30.0	8.05	3.55	2.71	2.85	2.63	MEAN
MAX	3.77	3.35	4.04	20.7	45.3	84.3	57.3	16.3	4.77	2.80	3.46	3.10	MAX
MIN	2.35	2.41	2.77	3.89	20.1	33.1	16.9	4.77	2.75	2.57	2.12	2.05	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 84.3 ON JUN 16
MINIMUM DAILY, 2.05B ON DEC 21
MAXIMUM INSTANTANEOUS,
88.7 AT 01:30 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 20 N
LONG 121 19 29 W
DRAINAGE AREA, 5 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 860	JUL	80 400
FEB	6 800	AUG	21 600
MAR	8 810	SEP	9 200
APR	27 100	OCT	7 250
MAY	69 900	NOV	7 380
JUN	127 000	DEC	7 050

TOTAL DISCHARGE, 380 000 dam³

BONAPARTE RIVER NEAR BRIDGE LAKE - STATION NO. 08LF062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.92B	1.40B	1.80B	1.83	14.8	19.2	15.0	5.40	2.43	0.880	0.519	0.520B	1
2	1.90B	1.50B	1.77B	2.22	12.4	18.6	12.1	5.21	2.30	0.768	0.514	0.520B	2
3	2.00B	1.56B	1.75B	2.67	12.7	18.2	17.4	5.00	2.22	0.770	0.575B	0.525B	3
4	2.02B	1.49B	1.77B	2.96	13.6	18.4	17.3	4.83	2.17	0.810	0.560B	0.530B	4
5	2.02B	1.55B	1.78B	3.20	15.3	19.7	15.9	4.64	2.13	0.843	0.535B	0.535B	5
6	2.03B	1.50B	1.79B	3.44	14.6	19.3	19.1	4.39	2.06	0.774	0.525B	0.540B	6
7	2.00B	1.44B	1.80B	3.63	14.0	18.7	27.4	4.18	2.02	0.768	0.520B	0.550B	7
8	1.96B	1.39B	1.81B	3.84	13.7	18.4	24.1	4.13	1.95	0.781	0.520B	0.560B	8
9	1.85B	1.45B	1.74B	3.76	13.5	17.7	22.3	4.08	1.91	0.810	0.525B	0.565B	9
10	1.65B	1.52B	1.69B	3.62	15.1	17.8	21.0	3.96	1.86	0.831	0.540B	0.555B	10
11	1.45B	1.55B	1.60B	3.56	16.5	20.7	19.3	3.82	1.85	0.862	0.600B	0.545B	11
12	1.36B	1.43B	1.54B	3.92	16.5	34.5	17.6	3.73	1.78	0.815	0.700B	0.530B	12
13	1.40B	1.36B	1.50B	4.61	15.9	49.0	15.9	3.65	1.66	0.746	0.900B	0.510B	13
14	1.43B	1.31B	1.60B	4.94	15.8	47.6	14.3	3.43	1.63	0.749	0.840B	0.490B	14
15	1.48B	1.22B	1.65B	5.58	15.5	44.3	13.4	3.28	1.56	0.747	0.750B	0.480B	15
16	1.50B	1.30B	1.72B	5.80	15.1	40.1	12.4	3.13	1.58	0.731	0.680B	0.475B	16
17	1.40B	1.42B	1.82B	6.17	15.1	36.1	11.3	3.07	1.55	0.722	0.630B	0.470B	17
18	1.35B	1.40B	1.85B	6.94	17.0	33.7	10.3	3.04	1.50	0.660	0.610B	0.475B	18
19	1.40B	1.50B	1.68	7.66	18.6	31.7	9.54	2.95	1.32	0.606	0.600B	0.485B	19
20	1.36B	1.58B	1.56	8.08	17.7	32.2	8.78	2.93	1.28	0.578	0.610B	0.510B	20
21	1.39B	1.65B	1.55	8.23	16.5	29.8	8.23	2.85	1.29	0.599	0.615B	0.550B	21
22	1.49B	1.63B	1.51	8.16	15.6	27.2	7.72	2.77	1.25	0.580	0.620B	0.600B	22
23	1.45B	1.66B	1.40B	8.38	14.9	25.3	7.39	2.74	1.19	0.571	0.630B	0.670B	23
24	1.50B	1.77B	1.35B	10.9	15.4	23.0	7.40	2.68	1.13	0.570	0.625B	0.740B	24
25	1.53B	1.80B	1.31B	13.1	18.9A	21.8	7.31	2.64	1.12	0.560	0.610B	0.770B	25
26	1.51B	1.78B	1.28B	13.3	21.9A	20.7	7.07	2.62	1.07	0.583	0.585B	0.750B	26
27	1.51B	1.77B	1.30B	14.8	20.7	19.8	6.61	2.62	1.06	0.663	0.570B	0.730B	27
28	1.52B	1.78B	1.30	15.5	19.4	18.9	6.31	2.56	1.04	0.602	0.555B	0.710B	28
29	1.52B		1.33	15.3	19.6	17.7	6.03	2.50	0.936	0.564	0.540B	0.700B	29
30	1.40B		1.41	14.9	20.8	16.3	5.77	2.50	0.901	0.562	0.530B	0.720B	30
31	1.28B		1.57		20.1		5.57	2.49		0.531		0.740B	31
TOTAL	49.58	42.71	49.53	211.00	515.2	776.4	402.83	107.82	47.747	21.636	18.133	18.050	TOTAL
MEAN	1.60	1.53	1.60	7.03	16.6	25.9	13.0	3.48	1.59	0.698	0.604	0.582	MEAN
MAX	2.03	1.80	1.85	15.5	21.9	49.0	27.4	5.40	2.43	0.880	0.900	0.770	MAX
MIN	1.28	1.22	1.28	1.83	13.5	16.3	5.57	2.49	0.901	0.531	0.514	0.470	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.19
MAXIMUM DAILY, 49.0 ON JUN 13
MINIMUM DAILY, 0.470B ON DEC 17
MAXIMUM INSTANTANEOUS,
54.4 AT 13:45 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 120 47 55 W
DRAINAGE AREA, 666 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 280	JUL	34 800
FEB	3 690	AUG	9 320
MAR	4 280	SEP	4 130
APR	18 200	OCT	1 870
MAY	44 500	NOV	1 570
JUN	67 100	DEC	1 560

TOTAL DISCHARGE, 195 000 dam³

BONELL CREEK NEAR NANOOSE - STATION NO. 08HB079

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.001	0.543	3.05	1
2	---	---	---	---	---	---	---	---	---	0.001	0.417	2.21	2
3	---	---	---	---	---	---	---	---	---	0.001	0.393	---	3
4	---	---	---	---	---	---	---	---	---	0.003	0.393	---	4
5	---	---	---	---	---	---	---	---	---	0.003	0.369	5.96	5
6	---	---	---	---	---	---	---	---	---	0.001	0.344	3.28	6
7	---	---	---	---	---	---	---	---	---	0.001	0.405	2.34	7
8	---	---	---	---	---	---	---	---	---	0.001	0.432	2.33	8
9	---	---	---	---	---	---	---	---	---	0.001	2.05	2.76	9
10	---	---	---	---	---	---	---	---	---	0.001	---	2.97	10
11	---	---	---	---	---	---	---	---	---	0.001	---	2.51	11
12	---	---	---	---	---	---	---	---	0.001A	0.001	6.86	2.11	12
13	---	---	---	---	---	---	---	---	0.001	0.002	5.97	1.74	13
14	---	---	---	---	---	---	---	---	0.001	0.001	4.52	1.50	14
15	---	---	---	---	---	---	---	---	0.001	0.007	3.29	1.88	15
16	---	---	---	---	---	---	---	---	0.009	0.001	2.65	1.81	16
17	---	---	---	---	---	---	---	---	0.005	0.002	2.10	1.66	17
18	---	---	---	---	---	---	---	---	0.001	0.004	1.69	1.64	18
19	---	---	---	---	---	---	---	---	0.001	0.002	1.40	1.48	19
20	---	---	---	---	---	---	---	---	0.001	0.002	1.20	1.26 B	20
21	---	---	---	---	---	---	---	---	0.001	0.014	1.06	1.11 B	21
22	---	---	---	---	---	---	---	---	0.001	0.004	1.29	0.967	22
23	---	---	---	---	---	---	---	---	0.001	0.005	---	0.888	23
24	---	---	---	---	---	---	---	---	0.001	0.011	---	0.805	24
25	---	---	---	---	---	---	---	---	0.001	0.077	4.36	0.739	25
26	---	---	---	---	---	---	---	---	0.001	0.078	2.56	0.686	26
27	---	---	---	---	---	---	---	---	0.001	0.129	1.85	0.651	27
28	---	---	---	---	---	---	---	---	0.001	0.196	1.66	0.613B	28
29	---	---	---	---	---	---	---	---	0.001	0.324	7.64	0.571B	29
30	---		---	---	---	---	---	---	0.001	0.858	5.10	0.546B	30
31	---		---		---		---	---		0.779		0.528	31
TOTAL	---	---	---	---	---	---	---	---	---	2.512	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.081	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	0.858	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 25 N
LONG 124 11 48 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	217
MAY	---	NOV	---
JUN	---	DEC	---

BORLAND CREEK BELOW VALLEY CREEK - STATION NO. 08MC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.072B	0.061B	0.068B	0.932	1.64	0.384	0.184	0.004	0.008	0.020	0.011	0.019B	1
2	0.073B	0.062B	0.068B	1.13	1.49	0.322	0.155	0.006	0.008	0.006	0.011	0.020B	2
3	0.073B	0.063B	0.068B	1.41	1.32	0.292	0.145	0.015	0.008	0.010	0.011	0.021B	3
4	0.074B	0.064B	0.067B	1.50	1.15	0.366	0.128	0.008	0.007	0.013	0.016	0.022B	4
5	0.074B	0.064B	0.067B	2.00	0.935	0.351	0.107	0.007	0.007	0.009	0.019	0.023B	5
6	0.074B	0.063B	0.068B	2.63	0.765	0.321	0.153	0.007	0.006	0.008	0.020	0.024B	6
7	0.074B	0.062B	0.069B	4.13	0.667	0.318	0.195	0.009	0.008	0.010	0.022	0.024B	7
8	0.073B	0.061B	0.070B	5.15	0.639	0.382	0.220	0.009	0.007	0.011	0.021	0.023B	8
9	0.072B	0.060B	0.072B	5.37	0.552	0.439	0.296	0.015	0.006	0.011	0.021	0.023B	9
10	0.071B	0.060B	0.074B	5.19	0.444	0.491	0.304	0.018	0.005	0.011	0.022	0.023B	10
11	0.070B	0.060B	0.072B	4.37	0.402	0.617	0.296	0.018	0.004	0.012	0.037	0.023B	11
12	0.070B	0.061B	0.070B	3.89	0.367	0.993	0.245	0.017	0	0.012	0.038	0.022B	12
13	0.071B	0.062B	0.068B	4.00	0.348	2.61	0.194	0.016	0.001	0.010	0.042	0.022B	13
14	0.072B	0.063B	0.067B	3.96	0.324	3.79	0.174	0.015	0.001	0.009	0.042	0.022B	14
15	0.074B	0.064B	0.066B	3.99	0.265	3.36	0.148	0.014	0.001	0.009	0.031	0.022B	15
16	0.076B	0.063B	0.070B	3.58	0.195	2.73	0.121	0.014	0.002	0.009	0.035	0.022B	16
17	0.078B	0.060B	0.080B	3.36	0.207	2.18	0.066	0.018	0.001	0.008	0.027	0.022B	17
18	0.078B	0.058B	0.090B	3.59	0.226	1.82	0.051	0.021	0.001	0.010	0.021	0.022B	18
19	0.076B	0.063B	0.100B	3.67	0.286	1.55	0.047	0.021	0.002	0.011	0.022	0.022B	19
20	0.075B	0.067B	0.150B	3.47	0.437	1.34	0.040	0.020	0.002	0.009	0.019	0.021B	20
21	0.075B	0.067B	0.170B	3.09	0.489	1.15	0.037	0.013	0.002	0.031	0.018	0.020B	21
22	0.076B	0.067B	0.150B	2.54	0.547	0.897	0.033	0.011	0.002	0.032	0.018	0.019B	22
23	0.076B	0.068B	0.140B	2.22	0.500	0.721	0.035	0.015	0.002	0.016	0.018B	0.018B	23
24	0.069B	0.070B	0.130B	2.37	0.425	0.625	0.026	0.016	0.002	0.012	0.019B	0.017B	24
25	0.066B	0.072B	0.136	2.59	0.358	0.527	0.011	0.016	0.002	0.012	0.019B	0.019B	25
26	0.064B	0.070B	0.143	2.55	0.370	0.440	0.004	0.028	0.003	0.011	0.018B	0.021B	26
27	0.063B	0.068B	0.186	2.65	0.340	0.331	0	0.027	0.010	0.014	0.018B	0.024B	27
28	0.062B	0.068B	0.212	2.54	0.328	0.255	0.001	0.013	0.012	0.009	0.018B	0.026B	28
29	0.061B		0.268	2.17	0.355	0.198	0.003	0.014	0.011	0.008	0.018B	0.028B	29
30	0.060B		0.382	1.84	0.384	0.196	0.007	0.011	0.017	0.040	0.019B	0.030B	30
31	0.060B		0.552		0.378		0.010	0.009		0.017		0.031B	31
TOTAL	2.202	1.791	3.993	91.882	17.133	29.996	3.436	0.445	0.148	0.410	0.672	0.695	TOTAL
MEAN	0.071	0.064	0.129	3.06	0.553	1.00	0.111	0.014	0.005	0.013	0.022	0.022	MEAN
MAX	0.078	0.072	0.552	5.37	1.64	3.79	0.304	0.028	0.017	0.040	0.042	0.031	MAX
MIN	0.060	0.058	0.066	0.932	0.195	0.196	0	0.004	0	0.006	0.011	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.419
MAXIMUM DAILY, 5.37 ON APR 09
MINIMUM DAILY, 0 ON JUL 27
MAXIMUM INSTANTANEOUS,
5.84 AT 12:55 PST ON APR 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 06 53 N
LONG 121 56 13 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	190	JUL	297
FEB	155	AUG	38.4
MAR	345	SEP	12.8
APR	7 940	OCT	35.4
MAY	1 480	NOV	58.1
JUN	2 590	DEC	60.0

TOTAL DISCHARGE, 13 200 dam³

BOUGIE CREEK AT KILOMETRE 368 ALASKA HIGHWAY - STATION NO. 10CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.042B	0 B	0.075B	0.336B	19.6	49.2	12.8	0.555	0.256	0.002	0.006	0.009B	1
2	0.020B	0 B	0.090B	0.320B	24.8	35.7	22.7	0.455	0.239	0.003	0.004	0.011B	2
3	0.005B	0 B	0.160B	0.316B	26.0	21.9	22.1	0.382	0.159	0.005	0.004	0.013B	3
4	0 B	0 B	0.215B	0.320B	23.2	16.1	15.2	0.358	0.121	0.006	0.004	0.012B	4
5	0 B	0.001B	0.238B	0.327B	22.7	12.7	10.7	0.312	0.180	0.004	0.003	0.010B	5
6	0 B	0.002B	0.235B	0.338B	23.1	12.8	8.25	0.267	0.170	0.003	0.003	0.012B	6
7	0 B	0.003B	0.218B	0.335B	22.7	10.9	6.88	0.153	0.149	0.004	0.004	0.011B	7
8	0 B	0.002B	0.175B	0.312B	21.5	11.4	6.29	0.100	0.098	0.004	0.003	0.010B	8
9	0.002B	0.002B	0.155B	0.308B	16.8	11.8	5.62	0.131	0.114	0.005	0.003	0.009B	9
10	0.004B	0.001B	0.157B	0.312B	14.2	10.7	4.67	0.180	0.157	0.006	0.003B	0.007B	10
11	0.003B	0.001B	0.180B	0.330B	12.3	8.78	4.05	0.307	0.098	0.005	0.005B	0.007B	11
12	0.007B	0.002B	0.200B	0.350B	9.94	6.68	3.11	0.311	0.061	0.004	0.006B	0.007B	12
13	0.016B	0.002B	0.222B	0.395B	8.45	5.81	2.31	0.263	0.075	0.006	0.007B	0.007B	13
14	0.022B	0.001B	0.250B	0.448B	7.82	5.43	2.08	0.174	0.075	0.004	0.008B	0.007B	14
15	0.023B	0 B	0.335B	0.470B	7.28	4.00	1.82	0.183	0.079	0.004	0.009B	0.007B	15
16	0.023B	0.003B	0.330B	0.490B	6.34	3.90	2.06	0.131	0.046	0.001	0.010B	0.007B	16
17	0.019B	0.013B	0.290B	0.530B	5.96	3.40	2.62	0.166	0.034	0.001	0.009B	0.007B	17
18	0.012B	0.025B	0.282B	0.690B	5.14	2.58	4.40	0.153	0.031	0.001	0.008B	0.007B	18
19	0.013B	0.035B	0.275B	0.800B	3.45	2.42	3.77	0.142	0.027	0.002	0.008B	0.008B	19
20	0.015B	0.037B	0.235B	0.870B	2.23	1.86	2.86	0.111	0.025	0.003	0.007B	0.009B	20
21	0.021B	0.030B	0.206B	0.880B	1.57	1.64	1.90	0.078	0.023	0.003	0.006B	0.008B	21
22	0.018B	0.028B	0.210B	0.810B	0.975	1.68	1.84	0.084	0.022	0.003	0.005B	0.007B	22
23	0.011B	0.030B	0.228B	0.790B	0.585	2.10	1.36	0.226	0.020	0.004	0.004B	0.007B	23
24	0.008B	0.042B	0.250B	0.850B	0.340	1.93	1.30	0.380	0.014	0.004	0.004B	0.006B	24
25	0.005B	0.055B	0.275B	1.15 B	0.208	1.44	1.66	0.324	0.011	0.005	0.006B	0.006B	25
26	0.001B	0.065B	0.300B	1.90 B	5.80	0.974	1.66	0.240	0.009	0.005	0.009B	0.005B	26
27	0 B	0.090B	0.322B	3.00 B	10.4	7.71	1.41	0.235	0.007	0.005	0.010B	0.010B	27
28	0 B	0.180B	0.340B	5.50 B	8.84	13.7	1.14	0.280	0.006	0.005	0.011B	0.006B	28
29	0 B		0.352B	9.50 B	7.03	11.6	0.978	0.236	0.005	0.007	0.012B	0.004B	29
30	0 B		0.350B	10.7	6.57	13.1	0.794	0.187	0.004	0.007	0.009B	0.002B	30
31	0 B		0.348B		29.1		0.816	0.149		0.006		0.003B	31
TOTAL	0.290	0.650	7.498	43.677	360.128	293.934	159.148	7.253	2.315	0.127	0.190	0.241	TOTAL
MEAN	0.009	0.023	0.242	1.46	11.6	9.80	5.13	0.234	0.077	0.004	0.006	0.008	MEAN
MAX	0.042	0.180	0.352	10.7	29.1	49.2	22.7	0.555	0.256	0.007	0.012	0.013	MAX
MIN	0	0	0.075	0.308	0.208	0.974	0.794	0.078	0.004	0.001	0.003	0.002	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.40
MAXIMUM DAILY, 49.2 ON JUN 01
MINIMUM DAILY, 0B ON JAN 04
MAXIMUM INSTANTANEOUS,
58.3E AT 00:03 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 01 49 N
LONG 122 43 07 W
DRAINAGE AREA, 332 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25.0	JUL	13 800
FEB	56.2	AUG	627
MAR	648	SEP	200
APR	3 770	OCT	11.0
MAY	31 100	NOV	16.4
JUN	25 400	DEC	20.8

TOTAL DISCHARGE, 75 700 dam³

BOUNDARY CREEK NEAR PORTHILL - STATION NO. 08NH032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.59B	1.67B	1.47	6.60	12.2	27.9	8.35	1.70	1.02	0.538	2.01	6.03	1
2	1.59	1.64B	1.50	9.43	12.9	21.0	7.36	1.61	0.963	0.623	1.22	5.61	2
3	1.56	1.64	1.56	13.6 E	14.6	20.6	6.91	1.53	0.906	0.595	1.22	5.32	3
4	1.67	1.61	1.59	14.2 E	19.4	32.8	6.09	1.44	0.850	1.10	1.30	5.21	4
5	1.64	1.61	1.59	13.6 E	27.0	25.5	5.66	1.39	0.821	1.27	1.05	4.84	5
6	1.73	1.59	1.59	13.3 E	32.0	21.0	5.47	1.36	0.793	0.850	0.850	4.59	6
7	1.81	1.61	1.64	13.6 E	23.2	27.8	5.49	1.27	0.736	0.708	1.10	3.99	7
8	1.93	1.59	1.81	13.9 E	18.7	22.2	4.79	1.22	0.708	0.680	1.13	4.13	8
9	2.12	1.61B	1.81	15.6 E	16.7	19.9	4.39	1.19	0.708	0.680	1.23	4.50	9
10	3.60	1.64	1.81	13.3 E	16.2	38.5	4.05	1.13	0.680	1.08	14.0	4.73	10
11	2.83	1.90	1.78	12.4	17.5	32.8	3.71	1.10	0.680	0.906	9.32	4.56	11
12	2.66	1.76	1.70	12.7	18.9	27.8	3.43	1.10	0.651	0.821	6.20	4.13	12
13	2.52	1.44	1.67	13.3	20.0	22.5	3.23	1.08	0.623	0.850	5.35	3.85	13
14	2.32	1.25B	1.67	14.1	20.3	20.2	3.00	1.02	0.623	0.765	5.47	3.68	14
15	2.21	1.27B	1.59	16.3	18.8	19.3	2.75	0.991	0.651	0.765	4.39	3.45	15
16	2.12	1.27B	1.67	18.2	17.9	19.9	2.55	0.963	0.651	0.878	3.85	3.40	16
17	1.84	1.27B	1.70	19.2	18.2	22.5	2.35	0.934	0.736	0.765	3.54	3.37	17
18	1.78	1.30B	1.78	20.9	18.6	20.2	2.21	0.934	0.708	0.878	3.11	3.17	18
19	1.70B	1.30B	2.10	24.2	18.3	19.0	2.10	1.05	0.680	0.934	3.14	2.52	19
20	1.70B	1.36B	3.09	25.7	18.3	18.2	2.04	1.10	0.651	0.821	2.92	2.27B	20
21	1.73B	1.56B	3.71	26.6	18.6	17.2	1.93	2.01	0.623	0.850	2.69	1.98B	21
22	1.76B	1.76B	3.60	28.3	18.2	16.7	1.87	1.50	0.623	0.878	3.14	1.84B	22
23	1.78B	1.98B	3.09	29.2	22.3	17.4	1.87	1.39	0.595	0.850	5.86	1.76B	23
24	1.81	1.73	2.72	28.9	22.9	16.8	1.76	1.13	0.595	0.821	18.0	1.70B	24
25	1.81	1.50	2.80	23.9	23.9	15.1	2.32	1.13	0.595	0.878	26.8	1.76B	25
26	1.78	1.44	2.78	19.4	20.9	13.2	3.51	1.22	0.566	1.76	12.8	1.81B	26
27	1.93	1.44	2.78	17.0	19.5	11.6	3.11	1.08	0.566	1.33	9.80	1.84B	27
28	2.10	1.44	2.89	15.4	23.0	10.3	2.38	0.991	0.538	1.33	8.07	1.76B	28
29	1.84		3.14	13.6	28.9	9.37	2.07	0.934	0.538	1.56	7.42	1.70B	29
30	1.76		3.60	12.4	31.1	9.43	1.97	0.963	0.538	1.81	6.57	1.76B	30
31	1.70		4.62		24.9		1.76	1.22		2.78		1.81B	31
TOTAL	60.92	43.18	70.85	518.83	633.9	616.70	110.38	37.680	20.616	31.354	175.550	103.07	TOTAL
MEAN	1.97	1.54	2.29	17.3	20.4	20.6	3.56	1.22	0.687	1.01	5.85	3.32	MEAN
MAX	3.60	1.98	4.62	29.2	32.0	38.5	8.35	2.01	1.02	2.78	26.8	6.03	MAX
MIN	1.56	1.25	1.47	6.60	12.2	9.37	1.76	0.934	0.538	0.538	0.850	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.64
MAXIMUM DAILY, 38.5 ON JUN 10
MINIMUM DAILY, 0.538 ON SEP 28
MAXIMUM INSTANTANEOUS,
48.4 AT 14:15 PST ON JUN 10

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 50 N
LONG 116 34 05 W
DRAINAGE AREA, 251 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 260	JUL	9 540
FEB	3 730	AUG	3 260
MAR	6 120	SEP	1 780
APR	44 800	OCT	2 710
MAY	54 800	NOV	15 200
JUN	53 300	DEC	8 910

TOTAL DISCHARGE, 209 000 dam³

BOWRON RIVER BELOW BOX CANYON - STATION NO. 08KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.1B	22.0B	19.6B	20.4B	118	432	154	33.9	24.6	14.1	48.2	31.9B	1
2	52.5B	21.6B	19.3B	21.1B	124	369	148	32.2	26.8	15.5	44.5	31.3B	2
3	51.0B	21.1B	19.4B	21.8B	133	326	143	30.9	26.5	16.1	40.8	31.1B	3
4	49.8B	20.8B	19.2B	23.0B	163	307	139	29.4	24.4	17.4	38.6	31.2B	4
5	49.0B	20.4B	19.0B	24.0B	191	277	129	28.7	22.3	20.5	37.5	31.3B	5
6	47.9B	20.3B	18.8B	25.4B	257	256	131	27.6	20.9	21.0	36.0B	31.1B	6
7	45.5B	20.2B	18.7B	27.1B	231	241	130	26.5	20.0	19.8	34.0B	30.9B	7
8	43.4B	20.1B	18.5B	28.5B	200	234	123	25.4	19.6	20.0	33.8B	30.4B	8
9	42.4B	20.0B	18.3B	30.1B	173	243	131	24.4	19.1	22.9	32.4B	30.0B	9
10	41.9B	20.0B	18.2B	32.3B	175	251	121	22.9	19.0	53.4	31.7B	29.7B	10
11	40.6B	19.9B	18.0B	35.0B	175	324	109	23.1	18.3	44.1	30.5B	29.4B	11
12	39.5B	19.8B	17.9B	39.5B	168	522	103	22.8	17.9	37.5	37.5B	29.4B	12
13	39.1B	19.7B	17.8B	44.1B	156	580	103	21.9	17.4	36.6	66.4B	29.5B	13
14	37.0B	19.4B	17.7B	46.0B	148	418	93.1	21.2	17.0	35.0	65.0B	29.6B	14
15	34.7B	19.0B	17.6B	54.0B	140	352	82.8	20.9	16.6	31.7	60.4B	29.7B	15
16	34.0B	18.7B	17.7B	65.0B	140	321	76.7	20.6	16.3	29.1	57.2B	28.5B	16
17	33.1B	18.2B	17.8B	80.0B	150	291	72.4	20.1	16.2	27.7	53.0B	27.4B	17
18	32.2B	17.5B	18.0B	105 B	171	262	68.5	20.8	16.1	26.3	48.6B	26.3B	18
19	31.1B	17.1B	18.3B	138	183	254	65.8	20.9	16.0	25.5	45.9B	25.4B	19
20	30.2B	17.0B	18.6B	176	184	237	60.5	20.0	15.5	24.7	41.7B	24.9B	20
21	29.4B	17.2B	18.8B	205	18[illegible]	226	54.7	19.2	15.7	25.1	39.8B	24.8B	21
22	28.7B	17.5B	18.9B	229	182	225	51.6	18.6	15.7	25.6	37.7B	24.9B	22
23	28.1B	17.8B	19.0B	235	185	235	48.1	19.9	15.5	24.6	36.4B	25.0B	23
24	27.6B	18.2B	19.0B	264	198	222	44.9	20.3	15.3	24.5	34.9B	25.0B	24
25	27.2B	18.8B	19.0B	247	223	194	43.8	19.5	15.1	32.3	33.4B	25.0B	25
26	26.8B	19.2B	19.1B	209	264	182	43.4	18.4	14.9	70.3	32.7B	24.9B	26
27	26.2B	19.4B	19.3B	180	284	191	40.7	17.8	14.7	71.8	32.6B	24.8B	27
28	25.4B	19.5B	19.4B	155	284	171	38.4	16.8	14.4	66.8	32.7B	24.6B	28
29	24.3B		19.5B	134	302	162	35.9	17.0	13.9	66.2	32.8B	24.3B	29
30	23.2B		19.7B	121	343	147	34.3	16.9	14.1	58.2	32.6B	24.2B	30
31	22.4B		20.0B		377		34.4	19.5		52.8		24.1B	31
TOTAL	1 121.3	540.4	580.1	3 017.3	6 204	8 450	2 654.0	698.1	539.8	1 059.1	1 229.2	860.6	TOTAL
MEAN	36.2	19.3	18.7	101	200	282	85.6	22.5	18.0	34.2	41.0	27.8	MEAN
MAX	57.1	22.0	20.0	264	377	580	154	33.9	26.8	71.8	66.4	31.9	MAX
MIN	22.4	17.0	17.6	20.4	118	147	34.3	16.8	13.9	14.1	30.5	24.1	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.8
MAXIMUM DAILY, 580 ON JUN 13
MINIMUM DAILY, 13.9 ON SEP 29
MAXIMUM INSTANTANEOUS,
624 AT 06:24 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 08 N
LONG 122 07 42 W
DRAINAGE AREA, 3 420 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96 900	JUL	229 000
FEB	46 700	AUG	60 300
MAR	50 100	SEP	46 600
APR	261 000	OCT	91 500
MAY	536 000	NOV	106 000
JUN	730 000	DEC	74 400

TOTAL DISCHARGE, 2 330 000 dam³

BOWRON RIVER NEAR WELLS - STATION NO. 08KD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.90B	3.42B	2.29E	2.98	20.9	38.3	25.3	7.98	4.12	2.34	6.22	4.24B	1
2	6.95B	3.37B	2.27E	3.10	20.5	39.4	24.3	7.68	4.40	2.37	6.16	4.12B	2
3	6.96B	3.30B	2.26E	3.23	20.1	39.1	23.9	7.45	4.47	2.37	6.17	4.03B	3
4	6.97B	3.37B	2.28E	3.38	20.2	38.0	23.3	7.15	4.45	2.59	6.04	3.95B	4
5	6.98B	3.35B	2.29E	3.59	21.3	37.0	22.4	6.88	4.40	2.69	5.88	3.87B	5
6	6.99B	3.30B	2.30A	3.83	23.5	34.8	21.8	6.41	4.30	2.72	5.80B	3.78B	6
7	6.90	3.20B	2.40	4.12	24.7	33.1	21.2	6.13	4.19	2.76	5.60B	3.71B	7
8	6.81	3.12B	2.43	4.51	25.2	32.1	20.6	5.91	4.05	2.81	5.30B	3.66B	8
9	6.68	3.10B	2.38	4.74	25.1	31.5	20.0	5.68	3.93	3.01	5.20B	3.61B	9
10	6.41	3.12B	2.35	4.96	24.6	31.0	19.5	5.47	3.84	3.33	5.08B	3.57B	10
11	5.92	3.05B	2.39	5.03	24.3	32.5	19.1	5.27	3.74	3.54	5.01B	3.52B	11
12	5.90	2.75B	2.34	5.15	23.9	42.0	18.7	5.12	3.64	3.60	5.00B	3.49B	12
13	6.06	2.59B	2.32	5.37	23.3	57.3	18.1	4.97	3.54	3.63	5.12B	3.43B	13
14	6.02	2.46B	2.33	5.65	22.6	57.7	17.7	4.85	3.45	3.68	5.40B	3.37B	14
15	5.89	2.37B	2.29	6.07	22.0	51.6	17.0	4.67	3.36	3.65	5.68B	3.34B	15
16	5.76	2.17B	2.25	6.78	21.4	46.0	16.1	4.52	3.26	3.61	6.00B	3.20B	16
17	5.35	2.03B	2.26	7.61	21.2	42.2	15.4	4.46	3.21	3.66	6.18B	3.03B	17
18	5.01	2.05B	2.24	8.52	21.0	39.2	14.6	4.34	3.11	3.65	6.24B	2.88B	18
19	4.85	2.10B	2.19	9.73	21.0	36.6	13.8	4.21	3.01	3.38	6.16B	2.76B	19
20	4.83	2.17B	2.49	11.8	21.1	35.0	13.1	3.94	2.93	3.40	5.95B	2.70B	20
21	5.00	2.19B	2.53	14.3	21.4	33.9	12.4	3.78	2.89	3.37	5.75B	2.70B	21
22	5.16	2.21E	2.52	16.7	21.8	33.1	11.7	3.78	2.86	3.30	5.60B	2.70B	22
23	4.99	2.23E	2.51	19.1	21.9	32.4	11.1	3.75	2.82	3.41	5.40B	2.70B	23
24	4.78	2.23E	2.59	21.5	22.2	31.6	10.8	3.65	2.76	3.31	5.20B	2.70B	24
25	4.65	2.24E	2.65	23.1	23.3	30.5	10.6	3.56	2.70	3.79	5.00B	2.69B	25
26	4.65	2.25E	2.66	23.8	25.1	29.8	10.1	3.45	2.64	5.01	4.82B	2.68B	26
27	4.51	2.26E	2.68	23.9	26.2	28.9	9.63	3.37	2.58	5.67	4.70B	2.57B	27
28	4.33	2.28E	2.70	23.4	27.5	28.0	9.14	3.26	2.54	5.83	4.54B	2.48B	28
29	4.15		2.71	22.4	29.2	26.7	8.81	3.15	2.42	6.14	4.45B	2.40B	29
30	3.89		2.79	21.7	32.0	25.7	8.59	3.39	2.37	6.24	4.32B	2.42B	30
31	3.55B		2.84		34.8		8.37	3.83		6.23		2.39B	31
TOTAL	173.82	74.36	75.73	320.05	733.3	1 095.0	497.14	151.96	101.98	114.89	163.91	98.69	TOTAL
MEAN	5.61	2.66	2.44	10.7	23.7	36.5	16.0	4.90	3.40	3.71	5.46	3.18	MEAN
MAX	6.99	3.42	2.84	23.9	34.8	57.7	25.3	7.98	4.47	6.24	6.24	4.24	MAX
MIN	3.55	2.03	2.24	2.98	20.1	25.7	8.37	3.15	2.37	2.34	4.32	2.39	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.87
MAXIMUM DAILY, 57.7 ON JUN 14
MINIMUM DAILY, 2.03B ON FEB 17
MAXIMUM INSTANTANEOUS,
59.7 AT 19:24 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 40 N
LONG 121 24 50 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	43 000
FEB	6 420	AUG	13 100
MAR	6 540	SEP	8 810
APR	27 700	OCT	9 930
MAY	63 400	NOV	14 200
JUN	94 600	DEC	8 530

TOTAL DISCHARGE, 311 000 dam³

BRIDGE CREEK AT OUTLET OF HORSE LAKE - STATION NO. 08LA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	1.43	1.04 B	1.21B	1.31	3.39	5.45	11.1	4.93	2.04	1.22	1.03	1.00 B	1
2	1.66	1.12 B	1.22B	1.35	3.55	5.62	10.7	4.74	1.98	1.18	1.06	1.03 B	2
3	1.58	1.21 B	1.23B	1.38	3.72	5.74	10.5	4.58	1.94	1.20	1.08	1.04	3
4	1.44	1.26 B	1.24B	1.46	3.84	6.25	10.3	4.32	1.91	1.19	1.05	1.04	4
5	1.49	1.29 B	1.25B	1.54	3.97	6.98	9.97	4.12	1.88	1.19	1.03	1.09	5
6	1.47B	1.27 B	1.27B	1.61	3.96	7.07	10.4	3.98	1.85	1.18	1.08	1.06	6
7	1.46B	1.24 B	1.26B	1.69	3.99	7.18	11.3	3.83	1.81	1.17	1.07	1.07	7
8	1.46B	1.19 B	1.24B	1.74	4.06	7.28	12.2	3.69	1.77	1.20	1.06	1.05	8
9	1.40B	1.23 B	1.21B	1.84	4.13	7.29	12.9	3.56	1.74	1.20	1.08	1.02	9
10	1.32B	1.27 B	1.17B	1.94	4.20	7.40	13.3	3.45	1.71	1.17	1.08	1.02 B	10
11	1.28B	1.24 B	1.14B	2.04	4.22	7.68	13.2	3.38	1.68	1.19	1.09	1.01 B	11
12	1.24B	1.20 B	1.12B	2.10	4.27	8.58	13.0	3.26	1.61	1.17	1.12	1.00 B	12
13	1.25B	1.14 B	1.13B	2.17	4.31	10.7	12.6	3.17	1.60	1.15	1.09	0.980B	13
14	1.25B	1.04 B	1.15B	2.24	4.26	12.2	12.3	3.09	1.57	1.14	1.11	0.920B	14
15	1.24B	0.950B	1.17B	2.32	4.29	13.0	11.8	3.00	1.53	1.14	1.09	0.900B	15
16	1.23B	0.900B	1.18B	2.40	4.33	13.6	11.2	2.92	1.52	1.12	1.11	0.880B	16
17	1.21B	0.980B	1.19B	2.47	4.41	14.4	10.7	2.83	1.51	1.15	1.06	0.860B	17
18	1.19B	1.04 B	1.18B	2.55	4.46	14.7	10.2	2.75	1.48	1.09	1.08	0.840B	18
19	1.18B	1.06 B	1.17B	2.65	4.54	14.9	9.66	2.65	1.43	1.07	1.09	0.780B	19
20	1.19B	1.10 B	1.15B	2.73	4.55	15.1	9.07	2.58	1.42	1.09	1.07	0.760B	20
21	1.20B	1.12 B	1.14B	2.78	4.59	15.3	8.66	2.55	1.39	1.08	1.12	0.750B	21
22	1.22B	1.14 B	1.12B	2.86	4.62	15.0	8.03	2.48	1.38	1.07	1.11	0.740B	22
23	1.25B	1.18 B	1.10B	2.73	4.53	14.6	7.57	2.42	1.35	1.10	1.09	0.730B	23
24	1.27B	1.21 B	1.09B	2.71	4.56	14.2	7.35	2.33	1.33	1.09	1.12	0.720B	24
25	1.29B	1.22 B	1.08B	2.86	4.69	13.9	7.00	2.28	1.30	1.08	1.11	0.660B	25
26	1.29B	1.21 B	1.10B	2.97	4.84	13.3	6.67	2.21	1.29	1.06	1.07B	0.620B	26
27	1.26B	1.20 B	1.13B	2.98	4.90	12.9	6.31	2.16	1.28	1.09	1.08	0.610B	27
28	1.22B	1.20 B	1.17B	2.94	5.00	12.4	5.95	2.15	1.27	1.06	1.10	0.600B	28
29	1.15B		1.27	3.08	5.15	12.0	5.64	2.10	1.23	1.06	1.05B	0.590B	29
30	1.09B		1.28	3.24	5.31	11.5	5.30	2.09	1.23	1.04	1.04B	0.580B	30
31	1.00B		1.30		5.42		5.04	2.08		1.03		0.570B	31
TOTAL	40.21	32.250	36.66	68.68	136.06	326.22	299.92	95.68	47.03	34.97	32.42	26.520	TO
MEAN	1.30	1.15	1.18	2.29	4.39	10.9	9.67	3.09	1.57	1.13	1.08	0.856	ME
MAX	1.66	1.29	1.30	3.24	5.42	15.3	13.3	4.93	2.04	1.22	1.12	1.09	MA
MIN	1.00	0.900	1.08	1.31	3.39	5.45	5.04	2.08	1.23	1.03	1.03	0.570	MI

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 15.3 ON JUN 21
MINIMUM DAILY, 0.570B ON DEC 31
MAXIMUM INSTANTANEOUS,
15.4 AT 15:00 PST ON JUN 21

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 15 N
LONG 121 13 50 W
DRAINAGE AREA, 912 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 470	JUL	25 900
FEB	2 790	AUG	8 270
MAR	3 170	SEP	4 060
APR	5 930	OCT	3 020
MAY	11 800	NOV	2 800
JUN	28 200	DEC	2 290

TOTAL DISCHARGE, 102 000 dam³

BRIDGE CREEK NEAR 100 MILE HOUSE - STATION NO. 08LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	1.41B	1.12 B	1.31B	2.00B	8.12	7.86	14.2	5.81	2.05	1.15	1.01E	1.04 B	
2	1.42B	1.21 B	1.33B	2.10B	8.22	7.82	13.8	5.52	2.00	1.13	1.02B	1.05 B	
3	1.43B	1.31 B	1.34B	2.25B	8.27	7.98	13.5	5.28	1.96	1.15	1.05B	1.07 B	
4	1.44B	1.30 B	1.35B	2.39	8.23	8.24	13.2	5.01	1.91	1.14E	1.03B	1.06 B	
5	1.45B	1.31 B	1.36B	2.69	8.21	9.31	12.7	4.74	1.87	1.13E	1.02B	1.08 B	
6	1.44B	1.31 B	1.35B	2.92	8.10	9.50	12.9	4.50	1.82	1.13E	1.05B	1.10 B	
7	1.44B	1.27 B	1.34B	3.12	7.93	9.83	13.9	4.25	1.79	1.12E	1.04B	1.10 B	
8	1.42B	1.26 B	1.32B	3.33	7.82	10.0	14.7	4.10	1.74	1.12E	1.04B	1.09 B	
9	1.39B	1.29 B	1.30B	3.53	7.71	10.2	15.6	4.02	1.68	1.11E	1.05B	1.07 B	
10	1.31B	1.30 B	1.27B	4.07	7.71	10.5	15.9	3.92	1.66	1.10E	1.06B	1.05 B	
11	1.29B	1.27 B	1.25B	4.03	7.53	11.2	15.9	3.80	1.62	1.11E	1.07E	1.05 B	
12	1.27B	1.19 B	1.24B	4.39	7.37	12.5	15.6	3.71	1.58	1.12E	1.10E	1.04 B	
13	1.28B	1.11 B	1.25B	4.77	7.25	14.8	15.2	3.55	1.51	1.11E	1.09E	1.04 B	
14	1.28B	1.04 B	1.26B	4.99	7.11	18.1	14.7	3.46	1.50	1.10E	1.09E	1.02 B	
15	1.29B	0.980B	1.28B	5.30	6.88	20.0	14.1	3.35	1.47	1.09E	1.10E	1.00 B	
16	1.28B	0.960B	1.30B	5.59	6.72	20.7	13.5	3.29	1.48	1.08E	1.10E	0.980B	
17	1.27B	1.02 B	1.31B	5.90	6.83	21.1	13.0	3.16	1.45	1.08A	1.07B	0.970B	
18	1.24B	1.07 B	1.33B	6.20	6.94	21.4	12.5	3.02	1.44	1.08E	1.06B	0.960B	
19	1.24B	1.10 B	1.35B	6.36	6.97	21.4	11.8	2.92	1.39	1.07E	1.06B	0.950B	
20	1.25B	1.12 B	1.34B	6.55	7.00	21.5	11.1	2.80	1.35	1.08E	1.05B	0.920B	
21	1.26B	1.15 B	1.30B	6.86	6.90	21.0	10.6	2.74A	1.36	1.07E	1.08B	0.910B	
22	1.27B	1.19 B	1.27B	6.90	6.83	20.1	10.0	2.66	1.32	1.06E	1.10B	0.900B	
23	1.28B	1.22 B	1.24B	6.93	6.71	19.5	9.44	2.58	1.30	1.07E	1.08B	0.890B	
24	1.29B	1.24 B	1.24B	6.96	6.74	18.8	9.12	2.50	1.22	1.06E	1.10B	0.880B	
25	1.30B	1.25 B	1.26B	7.27	6.83	18.0	8.90	2.41	1.20	1.04E	1.10B	0.870B	
26	1.29B	1.26 B	1.35B	7.52	7.05	17.4	8.42	2.38	1.20	1.03E	1.08B	0.840B	
27	1.25B	1.28 B	1.45B	7.88	7.13	16.6	7.89	2.29	1.20	1.04E	1.09B	0.820B	
28	1.20B	1.29 B	1.55B	8.30	7.26	16.1	7.50	2.22	1.18	1.03E	1.10B	0.800B	
29	1.15B		1.67B	8.27	7.41	15.4	7.06	2.13	1.16	1.02E	1.10B	0.790B	
30	1.10B		1.80B	8.15	7.71	14.8	6.60	2.12	1.14	1.01E	1.07B	0.780B	
31	1.05B		1.90B		7.80		6.27	2.12		1.00E		0.770B	
TOTAL	40.27	33.420	42.21	157.72	229.27	451.64	369.60	106.36	45.55	33.63	32.06	29.890	T
MEAN	1.30	1.19	1.36	5.26	7.40	15.1	11.9	3.43	1.52	1.08	1.07	0.964	M
MAX	1.45	1.31	1.90	8.30	8.27	21.5	15.9	5.81	2.05	1.15	1.10	1.10	M
MIN	1.05	0.960	1.24	2.00	6.71	7.82	6.27	2.12	1.14	1.00	1.01	0.770	M

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.31
MAXIMUM DAILY, 21.5 ON JUN 20
MINIMUM DAILY, 0.770B ON DEC 31
MAXIMUM INSTANTANEOUS,
21.6 AT 19:56 PST ON JUN 18

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 10 N
LONG 121 10 33 W
DRAINAGE AREA, 1 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 480	JUL	31 900
FEB	2 890	AUG	9 190
MAR	3 650	SEP	3 940
APR	13 600	OCT	2 910
MAY	19 800	NOV	2 770
JUN	39 000	DEC	2 580

TOTAL DISCHARGE, 136 000 dam³

BRIDGE RIVER (SOUTH BRANCH) BELOW BRIDGE GLACIER - STATION NO. 08ME023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.940B	0.500B	0.470B	0.540B	2.80	17.4	34.6	60.7	30.2	15.2	3.60B	1.55 B	1
2	0.860B	0.520B	0.480B	0.550B	3.39	18.2	29.8	53.5	26.1	11.0	3.22B	1.50 B	2
3	0.800B	0.540B	0.490B	0.566B	4.08	19.5	26.6	54.1	24.3	8.79	2.85	1.47 B	3
4	0.740B	0.540B	0.500B	0.588B	4.97	18.9	25.5	57.7	25.1	22.2	2.59	1.42 B	4
5	0.700B	0.530B	0.500B	0.636B	6.29	16.2	25.8	61.9	27.7	21.0	2.28B	1.40 B	5
6	0.680B	0.530B	0.500B	0.723B	6.87	15.0	28.0	67.9	32.3	13.4	2.36B	1.38 B	6
7	0.680B	0.520B	0.500B	0.840B	6.11	14.3	31.7	56.4	35.1	9.24	2.41	1.35 B	7
8	0.680B	0.520B	0.510B	1.12 B	5.59	14.1	37.5	55.1	38.3	7.40	2.14	1.32 B	8
9	0.680B	0.520B	0.520B	1.43 B	5.55	13.5	39.1	57.8	36.9	6.92	2.16	1.30 B	9
10	0.690B	0.520B	0.540B	1.54 B	5.94	14.1	39.3	64.1	34.9	6.24	2.18	1.28 B	10
11	0.700B	0.520B	0.550B	1.86	6.70	15.0	43.8	68.3	35.0	5.34	9.22	1.25 B	11
12	0.710B	0.510B	0.560B	1.71 B	7.41	14.1	53.0	68.2	33.5	4.74	22.7	1.22 B	12
13	0.720B	0.500B	0.570B	2.06	7.47	14.2	55.5	67.4	29.5	4.24	17.3	1.20 B	13
14	0.720B	0.490B	0.570B	2.03 B	6.58	17.3	49.8	59.5	28.0	3.83	11.3 B	1.19 B	14
15	0.720B	0.485B	0.580B	2.39 B	6.45	20.1	50.2	48.8	28.5	4.10	7.49B	1.18 B	15
16	0.720B	0.460B	0.590B	2.78 B	6.69	21.6	53.1	42.2	26.0	3.58B	4.97B	1.15 B	16
17	0.710B	0.440B	0.600B	3.46	6.94	22.5	57.2	40.6	22.0	3.25	4.56B	1.12 B	17
18	0.700B	0.420B	0.600B	3.98 B	7.72	26.5	47.9	42.7	22.3	3.18	4.89	1.08 B	18
19	0.690B	0.420B	0.610B	3.93	8.03	28.6	46.6	46.0	21.9	3.00B	4.54	1.00 B	19
20	0.680B	0.430B	0.600B	4.00	7.69	29.7	47.8	52.0	20.7	2.83B	3.62B	0.950B	20
21	0.660B	0.440B	0.600B	3.99	7.14	31.4	50.1	58.0	23.8	2.77	3.28	0.900B	21
22	0.640B	0.450B	0.600B	3.93	8.42	37.3	52.7	59.5	27.7	2.63B	2.46	0.880B	22
23	0.630B	0.450B	0.590B	3.92	10.5	43.8	53.7	60.9	33.8	2.49	2.30B	0.860B	23
24	0.610B	0.450B	0.560B	3.82 B	9.99	40.5	45.5	33.8	33.0	2.71	2.10B	0.860B	24
25	0.590B	0.450B	0.570B	3.07 B	9.64	36.9	46.6	31.1	32.2	7.21	1.95B	0.850B	25
26	0.580B	0.460B	0.570B	2.91 B	9.88	34.8	58.2	28.5	25.8	9.53	1.85B	0.850B	26
27	0.570B	0.460B	0.560B	2.69 B	9.70	32.9	60.1	27.5	24.0	8.07	1.80B	0.840B	27
28	0.560B	0.460B	0.550B	2.51 B	10.9	30.6	56.0	31.1	24.0	7.87	1.70B	0.840B	28
29	0.550B		0.520B	2.41 B	13.2	29.4	57.6	32.4	25.3	6.37	1.65B	0.840B	29
30	0.520B		0.500B	2.83	14.5	33.9	61.0	30.5	19.3	5.35B	1.60B	0.840B	30
31	0.460B		0.510B		15.5		63.9	32.2		4.19B		0.840B	31
TOTAL	20.890	13.535	16.970	68.813	242.64	722.7	1 422.2	1 530.4	847.2	218.67	137.07	34.710	TOTAL
MEAN	0.674	0.483	0.547	2.29	7.83	24.1	45.9	49.4	28.2	7.05	4.57	1.12	MEAN
MAX	0.940	0.540	0.610	4.00	15.5	43.8	63.9	68.3	38.3	22.2	22.7	1.55	MAX
MIN	0.460	0.420	0.470	0.540	2.80	13.5	25.5	27.5	19.3	2.49	1.60	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 68.3 ON AUG 11
MINIMUM DAILY, 0.420B ON FEB 18
MAXIMUM INSTANTANEOUS,
75.8 AT 19:10 PST ON AUG 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 24 N
LONG 123 27 05 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 800	JUL	123 000
FEB	1 170	AUG	132 000
MAR	1 470	SEP	73 200
APR	5 950	OCT	18 900
MAY	21 000	NOV	11 800
JUN	62 400	DEC	3 000

TOTAL DISCHARGE, 456 000 dam³

BROWNS RIVER NEAR COURTENAY - STATION NO. 08HB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58E	1.57	1.86	8.68	5.25	2.65	1.94	0.115	0.103	0.076	3.72	4.61	1
2	1.56E	4.87	1.89	8.70	7.11	9.04	2.09	0.124	0.088	0.085	2.80	3.24	2
3	1.54A	11.0	2.02	6.67	7.01	42.3	2.37	0.139	0.082	0.146	3.58	61.3	3
4	1.64	4.25	2.51	5.94	7.81	10.2	1.55	0.133	0.080	0.311	4.06	37.3	4
5	10.9	3.79	3.97	6.24	8.34	5.57	1.32	0.125	0.074	0.340	3.66	8.10	5
6	15.1	2.82	3.67	6.70	5.75	8.02	2.00	0.106	0.075	0.248	2.93	4.75	6
7	19.1	2.19	3.02	7.54	3.56	7.60	2.10	0.108	0.075	0.199	4.20	3.56	7
8	8.48	1.85	2.55	7.45	3.21	6.75	1.69	0.101	0.072	0.158	3.58	9.58	8
9	5.74	1.69	2.64	5.51	3.42	7.17	1.32	0.092	0.075	0.151	8.40	5.38	9
10	3.80B	1.77	3.03	4.86	3.59	19.0	1.10	0.087	0.074	0.185	30.1	3.47	10
11	2.75B	2.68	2.26B	7.83	4.09	11.6	0.912	0.079	0.074	0.315	60.9	2.52	11
12	3.13	2.30 B	2.05B	7.68	4.99	5.85	0.782	0.079	0.073	1.01	53.6	2.22	12
13	8.88	2.00 B	1.85B	5.96	6.42	3.90	0.676	0.078	0.073	0.662	24.9	1.77	13
14	8.13	1.80 B	2.15	6.40	4.59	2.84	0.599	0.074	0.069	0.574	9.74	2.04	14
15	5.08	1.60 B	2.32	8.31	3.80	2.24	0.560	0.075	0.070	0.654	6.47	2.59	15
16	4.48	1.40 B	2.41	10.6	5.48	1.92	0.474	0.096	0.073	0.709	15.0	1.82	16
17	3.30B	1.30 B	5.38	15.4	6.20	1.63	0.415	0.122	0.077	0.922	12.2	1.66	17
18	2.60B	1.20 B	8.81	9.29	5.81	1.36	0.386	0.096	0.078	1.74	5.84	1.43 B	18
19	2.15B	1.15 B	7.53	9.45	4.57	1.19	0.362	0.086	0.075	1.78	4.13	1.35 B	19
20	1.90B	1.10 B	7.13	8.44	4.51	1.11	0.317	0.082	0.077	1.51	2.98	1.29 B	20
21	1.98	1.05 B	6.40	6.80	4.32	0.979	0.283	0.080	0.075	5.29	2.53	1.18 B	21
22	2.28	1.00 B	5.52	6.57	20.4	0.865	0.266	0.076	0.072	3.29	4.25	1.10 B	22
23	2.07	0.980B	4.47	7.68	7.20	0.770	0.231	0.077	0.072	3.01	82.1	1.01 B	23
24	1.87	1.57	3.45B	7.26	4.57	0.712	0.256	0.077	0.070	34.2	19.0	0.920B	24
25	3.74	2.18	2.84B	5.75	3.77	0.650	0.238	0.078	0.070	57.9	7.19	0.860B	25
26	2.63	2.10	2.65	5.23	3.20	0.586	0.228	0.077	0.070	17.4	4.35	0.800B	26
27	2.18	1.92	2.80	4.50	11.8	0.553	0.219	0.076	0.071	29.8	3.08	0.740B	27
28	2.25	1.89	4.03	3.82	9.42	1.09	0.197	0.077	0.073	20.7	7.44	0.690B	28
29	2.15		5.95	3.33	5.25	3.25	0.171	0.079	0.071	15.1	33.4	0.640B	29
30	1.96		7.26	3.31	4.14	2.71	0.166	0.090	0.069	12.1	7.76	0.600B	30
31	1.58		8.23		3.38		0.165	0.116		6.07		0.560B	31
TOTAL	136.53	65.020	123.65	211.90	182.96	164.105	25.383	2.900	2.250	216.635	433.89	169.080	TOTAL
MEAN	4.40	2.32	3.99	7.06	5.90	5.47	0.819	0.094	0.075	6.99	14.5	5.45	MEAN
MAX	19.1	11.0	8.81	15.4	20.4	42.3	2.37	0.139	0.103	57.9	82.1	61.3	MAX
MIN	1.54	0.980	1.85	3.31	3.20	0.553	0.165	0.074	0.069	0.076	2.53	0.560	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.75
MAXIMUM DAILY, 82.1 ON NOV 23
MINIMUM DAILY, 0.069 ON SEP 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 33 N
LONG 125 05 07 W
DRAINAGE AREA, 86 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	2 190
FEB	5 620	AUG	251
MAR	10 700	SEP	194
APR	18 300	OCT	18 700
MAY	15 800	NOV	37 500
JUN	14 200	DEC	14 600

TOTAL DISCHARGE, 150 000 dam³

BUCK CREEK AT THE MOUTH - STATION NO. 08EE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50 B	0.680B	0.715B	2.82E	13.2	26.1	12.9	1.63 E	0.265E	0.198	0.924	0.685B	1
2	2.42 B	0.670B	0.715B	3.20E	15.0	23.4	12.7	1.53 E	0.255E	0.315	0.920B	0.700B	2
3	2.16 B	0.665B	0.720B	3.65E	18.1	22.7	10.6	1.43 E	0.250E	0.260	0.910B	0.750B	3
4	2.10 B	0.660B	0.720B	4.40E	23.3	29.2	9.65	1.33 E	0.243E	0.439	0.900B	0.830B	4
5	2.06 B	0.655B	0.720B	4.90E	28.5	24.8	8.71	1.24 E	0.238E	0.464	0.900B	0.855B	5
6	2.04 B	0.650B	0.725B	5.60E	31.0	20.6	9.18	1.15 E	0.232E	0.423	0.910B	0.855B	6
7	2.01 B	0.645B	0.725B	6.00E	31.1	16.8	9.26	1.08 E	0.228E	0.405	0.915B	0.835B	7
8	1.98 B	0.645B	0.730B	6.00E	29.3	15.0	8.31	1.01 E	0.223E	0.413	0.920B	0.805B	8
9	1.95 B	0.640B	0.740B	5.70E	27.8	13.7	7.79	0.955E	0.217E	0.482	0.910B	0.745B	9
10	1.91 B	0.640B	0.745B	5.10E	28.9A	12.6	6.82	0.900E	0.212E	0.581	0.890B	0.730B	10
11	1.82 B	0.640B	0.755B	4.92A	27.5E	15.0	6.40	0.855E	0.209A	0.815	0.885B	0.725B	11
12	1.71 B	0.640B	0.760B	4.80	26.2E	16.8	5.80	0.800E	0.185	0.764	0.885B	0.725B	12
13	1.60 B	0.640B	0.770B	6.10	25.3E	15.3	5.37	0.755E	0.159	0.684	0.895B	0.720B	13
14	1.55 B	0.645B	0.780B	8.28	24.0E	12.7	5.01	0.705E	0.160	0.628	0.905B	0.690B	14
15	1.49 B	0.645B	0.800B	10.4	23.3E	11.0	4.63	0.670E	0.150	0.596	0.905B	0.610B	15
16	1.48 B	0.650B	0.820B	12.5	23.8E	9.24	4.37	0.640E	0.146	0.532	0.905B	0.535B	16
17	1.40 B	0.655B	0.850B	14.6	24.9E	8.18	4.08	0.605E	0.150	0.553	0.905B	0.510B	17
18	1.25 B	0.660B	0.880B	16.7	24.8E	7.13	3.81	0.580E	0.150	0.591	0.900B	0.490B	18
19	1.11 B	0.670B	0.910B	17.4	24.1E	6.29	3.90	0.555E	0.143	0.594	0.860B	0.485B	19
20	1.00 B	0.675B	0.950B	19.9	23.0E	5.81	3.93A	0.540E	0.135	0.605	0.810B	0.490B	20
21	0.940B	0.685B	1.00 B	20.5	23.1E	5.60	3.60E	0.530E	0.127	0.623	0.780B	0.505B	21
22	0.900B	0.695B	1.05 B	21.0	23.5E	4.91	3.35E	0.520E	0.137	0.581	0.715B	0.540B	22
23	0.870B	0.700B	1.13 B	20.7	22.7E	4.40	3.13E	0.510E	0.136	0.588	0.670B	0.560B	23
24	0.830B	0.700B	1.22 B	19.3	22.0E	4.22	2.92E	0.480E	0.135	0.741	0.645B	0.575B	24
25	0.800B	0.705B	1.34 B	17.6	18.8A	4.17	2.70E	0.430E	0.137	0.983	0.640B	0.575B	25
26	0.780B	0.705B	1.50 B	17.3	16.7	3.94	2.52E	0.390E	0.134	1.36	0.680B	0.555B	26
27	0.755B	0.710B	1.67 B	16.6	17.8	3.89	2.33E	0.365A	0.133	1.33	0.750B	0.515B	27
28	0.740B	0.710B	1.83 B	14.3	20.1	4.03	2.18E	0.335A	0.133	1.27	0.755B	0.490B	28
29	0.720B		2.04 B	12.6	22.7	5.34	2.02E	0.305A	0.140	1.09	0.720B	0.485B	29
30	0.705B		2.30 B	12.4	31.3	9.14	1.88E	0.285E	0.145	1.17	0.690B	0.490B	30
31	0.690B		2.52 B		35.3		1.75E	0.275E		0.996		0.485B	31
					30.1								
TOTAL	44.070	18.680	33.130	335.27	754.2	361.69	171.60	23.385	5.307	21.075	24.999	19.545	TOTAL
MEAN	1.42	0.667	1.07	11.2	24.3	12.1	5.54	0.754	0.177	0.680	0.833	0.631	MEAN
MAX	2.50	0.710	2.52	21.0	35.3	29.2	12.9	1.63	0.265	1.36	0.924	0.855	MAX
MIN	0.690	0.640	0.715	2.82	13.2	3.89	1.75	0.275	0.127	0.198	0.640	0.485	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.97
MAXIMUM DAILY, 35.3 ON MAY 30
MINIMUM DAILY, 0.127 ON SEP 21
MAXIMUM INSTANTANEOUS, 39.1 AT 07:30 PST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 23 52 N
LONG 126 39 04 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 810	JUL	14 800
FEB	1 610	AUG	2 020
MAR	2 860	SEP	459
APR	29 000	OCT	1 820
MAY	65 200	NOV	2 160
JUN	31 300	DEC	1 690

TOTAL DISCHARGE, 157 000 dam³

BULKLEY RIVER AT QUICK - STATION NO. 08EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	129	47.9B	36.1B	54.4	162	447	341	156	94.3	67.0	57.9	35.1B	1
2	125	47.2B	36.0B	60.9	174	428	345	153	90.4	65.5	55.4	34.9B	2
3	120	46.5B	36.0B	64.3	193	469	306	146	88.0	63.6	55.8	34.7B	3
4	114	45.9B	35.9B	67.2	227	507	289	138	83.0	61.4	54.9	34.3B	4
5	113	45.2B	35.3B	72.3	279	497	282	136	81.2	60.3	54.0	34.0B	5
6	112	44.5B	35.1B	76.5	351	433	278	138	79.1	58.3	49.3	33.9B	6
7	112	44.2B	35.0B	80.1	309	400	271	137	77.2	58.6	50.2	33.7B	7
8	109	43.9B	34.9B	84.4	274	390	268	134	76.3	57.4	49.9	33.4B	8
9	104	43.4B	34.7B	79.0	272	372	266	128	75.3	56.5	49.3	33.1B	9
10	103	43.0B	34.4B	73.2	274	350	252	129	72.8	61.1	47.4	32.9B	10
11	98.5	43.0B	34.1B	70.8	282	346	248	130	71.4	61.4	45.0	32.7B	11
12	99.1	43.0B	33.9B	69.9	301	357	244	130	70.9	60.0	46.9	32.5B	12
13	91.3	43.0B	33.8B	71.4	300	344	238	133	69.7	60.9	46.0	32.3B	13
14	88.3	43.2B	33.5B	84.8	289	330	226	137	68.6	60.3	48.1	32.1B	14
15	82.6	42.5B	33.3B	101	295	337	214	136	68.6	58.1	47.4	32.0B	15
16	83.8B	42.0B	33.2B	118	311	342	209	136	69.2	55.4	48.0	31.9B	16
17	80.5B	41.2B	33.1B	129	328	329	200	135	67.2	54.9	48.2	31.8B	17
18	79.8B	40.4B	32.9	150	328	306	191	130	67.0	53.5	47.3	31.7B	18
19	78.3B	40.0B	32.7	168	328	295	179	130	65.8	53.5	46.3	31.6B	19
20	78.0B	39.3B	32.2	180	332	291	174	127	64.4	52.1	44.8	31.5B	20
21	75.7	39.0B	33.1	189	350	293	173	124	64.1	52.4	43.3	31.3B	21
22	72.8	38.5B	33.1	200	401	305	168	124	64.2	51.3	41.9B	31.0B	22
23	71.3	38.0B	30.9	198	365	315	166	123	64.2	50.7	40.4B	30.7B	23
24	69.8	37.8B	28.7	196	343	302	167	120	64.2	58.2	39.3B	30.4B	24
25	66.5B	37.5B	31.6	185	326	283	169	116	64.6	65.8	38.9B	30.2B	25
26	63.5B	37.3B	30.8	186	326	276	173	111	64.6	63.1	37.7B	30.0B	26
27	60.0B	37.1B	30.8	185	370	271	168	107	63.5	60.4	37.0B	29.8B	27
28	56.5B	37.0B	31.6	177	472	262	166	102	61.9	63.8	36.8B	29.6B	28
29	54.0B		36.1	158	530	266	156	100	65.6	60.7	36.1B	29.4B	29
30	50.8B		43.1	154	502	278	154	97.3	63.9	60.1	36.0B	29.2B	30
31	48.2B		52.8		461		155	95.9		60.1		28.9B	31
TOTAL	2 688.3	1 171.5	1 068.9	3 683.2	10 055	10 421	6 836	3 939.2	2 141.2	1 826.2	1 379.5	990.6	TOTAL
MEAN	86.7	41.8	34.5	123	324	347	221	127	71.4	58.9	46.0	32.0	MEAN
MAX	129	47.9	52.8	200	530	507	345	156	94.3	67.0	57.9	35.1	MAX
MIN	48.2	37.0	28.7	54.4	162	262	154	95.9	61.9	50.7	36.0	28.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 530 ON MAY 29
MINIMUM DAILY, 28.7 ON MAR 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 05 N
LONG 126 53 55 W
DRAINAGE AREA, 7 360 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	232 000	JUL	591 000
FEB	101 000	AUG	340 000
MAR	92 400	SEP	185 000
APR	318 000	OCT	158 000
MAY	869 000	NOV	119 000
JUN	900 000	DEC	85 600

TOTAL DISCHARGE, 3 990 000 dam³

BULKLEY RIVER NEAR HOUSTON - STATION NO. 08EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	54.7	58.5	30.6 E	3.28	0.732	0.452E	2.48	---	1
2	---	---	---	---	58.0	54.0	41.9	2.97	0.730E	0.469	2.51	---	2
3	---	---	---	---	64.1	56.1E	35.0	2.87	0.734	0.458	1.98	---	3
4	---	---	---	---	74.5	58.1	30.1	2.74	0.688	0.743	2.10E	---	4
5	---	---	---	---	89.1	60.4	25.8	2.51 E	0.658	0.636	2.21	---	5
6	---	---	---	---	91.1E	50.7	25.2	2.29	0.598	0.622	2.09	---	6
7	---	---	---	---	92.9	45.6	24.0	2.11	0.569	0.643E	2.30	---	7
8	---	---	---	---	82.5	39.3E	22.2 E	2.11	0.570	0.665E	1.85	---	8
9	---	---	---	---	78.3	33.6	20.3	1.96	0.518E	0.686	1.81B	---	9
10	---	---	---	---	78.9	33.7E	18.3	1.86	0.475	0.794	1.78B	---	10
11	---	---	---	---	79.3	33.8	16.4	1.70	0.450	1.05	1.75B	---	11
12	---	---	---	---	77.7	41.2	14.1	1.65 E	0.436E	1.24	1.73B	---	12
13	---	---	---	---	72.8E	38.7	14.0	1.60	0.431	1.22	1.71B	---	13
14	---	---	---	---	68.0	33.5	13.7	1.62	0.431	1.22 E	---	---	14
15	---	---	---	---	66.2	29.4	11.9 E	1.57	0.427	1.21	---	---	15
16	---	---	---	---	67.9	26.1	10.1	1.55	0.421E	1.24	---	---	16
17	---	---	---	---	72.1	23.2E	9.40	1.55	0.420E	1.16	---	---	17
18	---	---	---	---	72.8	20.4	8.89	1.47	0.420E	1.26	---	---	18
19	---	---	---	---	68.8	18.3	8.50	1.41 E	0.420E	1.27	---	---	19
20	---	---	---	---	67.0E	16.1	8.12	1.35	0.409E	1.35	---	---	20
21	---	---	---	---	65.2	15.9	7.10	1.31	0.400E	1.36 E	---	---	21
22	---	---	---	---	71.2	14.3	6.48E	1.20	0.399E	1.37	---	---	22
23	---	---	---	---	69.5	12.9	5.88	1.23	0.400E	1.43	---	---	23
24	---	---	---	---	65.0	11.8E	5.68	1.31	0.403E	1.56	---	---	24
25	---	---	---	---	52.8	10.8	5.46	1.17	0.404E	1.71	---	---	25
26	---	---	---	---	51.0	10.6	4.93	1.11 E	0.406E	2.18	---	---	26
27	---	---	---	---	59.1E	11.1	4.50	1.06	0.409E	2.36	---	---	27
28	---	---	---	---	67.1	11.4	4.22	1.04	0.410E	2.18 E	---	---	28
29	---	---	---	---	78.7	13.9	4.00E	0.946	0.417E	2.00	---	---	29
30	---		---	---	78.8	20.7	3.78	0.900	0.434E	2.09	---	---	30
31	---		---		64.6		3.38	0.853		2.27		---	31
TOTAL	---	---	---	---	2 185.9	904.1	443.92	52.299	14.619	38.898	---	---	TOTAL
MEAN	---	---	---	---	70.5	30.1	14.3	1.69	0.487	1.25	---	---	MEAN
MAX	---	---	---	---	92.9	60.4	41.9	3.28	0.734	2.36	---	---	MAX
MIN	---	---	---	---	51.0	10.6	3.38	0.853	0.399	0.452	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 92.9 ON MAY 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 23 45 N
LONG 126 42 30 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 400
FEB	---	AUG	4 520
MAR	---	SEP	1 260
APR	---	OCT	3 360
MAY	189 000	NOV	---
JUN	78 100	DEC	---

BULL RIVER NEAR WARDNER - STATION NO. 08NG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.83	5.40B	6.33	19.4	36.8	174	109	35.4	15.1	9.09	13.1	16.2	1
2	8.80	5.84B	6.49	26.9	36.6	149	94.3	34.4	14.1	9.99	12.1	15.5	2
3	7.64	6.62B	6.61	35.1	38.7	132	95.3	32.1	13.9	9.26	11.1	14.8	3
4	8.22	7.38B	7.01	37.2	46.5	140	77.0	29.5	13.5	11.0	10.7	14.7	4
5	7.88	7.00	7.15	32.7	69.2	127	68.3	28.0	13.4	22.4	10.3	14.2	5
6	8.63	7.03	7.12	30.7	107	111	68.9	27.9	13.0	16.9	10.1	13.5	6
7	9.20	6.70	7.57	31.0	102	117	69.2	27.6	12.7	13.9	9.89	13.1	7
8	8.58	6.69	7.71	31.7	79.8	116	66.7	25.9	12.4	12.6	9.71	12.8	8
9	9.08	7.26	7.32	30.9	64.3	104	65.9	25.0	12.3	12.0	11.9	15.4	9
10	12.2	7.72	6.84	26.7	55.8	121	66.9	24.1	12.1	12.8	30.9	17.5	10
11	8.05	9.11	6.98	24.8	51.1	142	66.3	23.7	12.0	11.5	38.4	17.2	11
12	7.15	7.99	6.86	24.4	49.1	115	66.7	23.7	11.6	11.6	31.8	15.1	12
13	9.13	6.19	6.65	24.6	51.1	93.8	65.9	22.9	11.6	11.3	27.6	12.3	13
14	9.13	5.96	6.36	24.3	53.3	83.3	61.9	22.1	11.3	10.6	25.0	13.1	14
15	8.73	5.52	6.76	26.9	52.6	83.2	55.1	21.5	11.2	10.3	22.2	13.7	15
16	8.08	6.86	6.62	31.2	50.0	94.3	51.6	20.9	11.3	10.2	19.9	13.4	16
17	7.41	6.49	6.72	36.1	49.9	108	48.2	20.0	11.2	10.1	18.4	12.4	17
18	6.41	6.12	6.70	41.2	52.4	117	43.9	19.5	10.9	10.3	17.3	12.3	18
19	7.22	6.27	7.15	49.7	54.3	122	41.5	19.0	10.6	9.96	16.2	11.8 B	19
20	6.31	7.38	8.14	65.7	55.5	132	37.9	18.7	10.5	9.75	15.4	11.4	20
21	7.30	7.03	8.58	80.1	56.3	133	34.4	18.4	10.2	9.56	14.5	10.9 B	21
22	8.29	7.21	9.01	87.2	55.6	130	33.9	18.0	10.1	9.63	14.8	10.4 B	22
23	8.09	6.66	9.02	87.2	64.9	145	34.6	18.9	9.96	9.54	18.8	10.7 B	23
24	7.60	7.03	7.43	80.3	97.8	153	36.5	18.7	9.76	9.17	29.0	11.0 B	24
25	7.35	7.05	7.54	71.5	127	151	42.9	17.7	9.87	9.19	31.7	11.5 B	25
26	7.44	6.71	7.89	62.3	114	140	55.3	17.6	9.78	10.6	24.5	11.8 B	26
27	6.28	6.43	8.53	54.8	102	124	51.7	16.4	9.59	10.3	21.5	11.6 B	27
28	7.26	6.22	8.95	48.9	113	110	44.9	15.7	9.48	10.5	18.7	10.9 B	28
29	7.17		9.75	43.2	159	95.3	39.9	15.0	9.38	11.0	18.1	9.20B	29
30	6.67		11.6	39.0	210	100	37.1	15.2	9.17	11.2	17.1	10.1 B	30
31	6.00B		14.7		187		35.3	15.4		14.2		11.3 B	31
TOTAL	246.13	189.87	241.09	1 304.8	2 442.6	3 662.9	1 767.0	688.9	341.99	350.44	570.70	399.40	TOTAL
MEAN	7.94	6.78	7.78	43.5	78.8	122	57.0	22.2	11.4	11.3	19.0	12.9	MEAN
MAX	12.2	9.11	14.7	87.2	210	174	109	35.4	15.1	22.4	38.4	17.5	MAX
MIN	6.00	5.40	6.33	19.4	36.6	83.2	33.9	15.0	9.17	9.09	9.71	9.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.4
MAXIMUM DAILY, 210 ON MAY 30
MINIMUM DAILY, 5.40B ON FEB 01
MAXIMUM INSTANTANEOUS,
217 AT 15:02 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 35 N
LONG 115 21 50 W
DRAINAGE AREA, 1 530 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 300	JUL	153 000
FEB	16 400	AUG	69 500
MAR	20 800	SEP	29 500
APR	113 000	OCT	30 300
MAY	211 000	NOV	49 300
JUN	316 000	DEC	34 500

TOTAL DISCHARGE, 1 050 000 dam³

BULMAN CREEK AT THE MOUTH - STATION NO. 08NM145

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0.001B	0.002B	0.033B	0.026	0.606	0.058	0.204	0.008	0.001	0.005	0.002B	1
2	0.003B	0.002B	0.002B	0.031B	0.028	0.631	0.070	0.207	0.005	0.001	0.004	0.002B	2
3	0.003B	0.002B	0.002B	0.030B	0.027	0.593	0.094	0.200	0.003E	0.003	0.003	0.002B	3
4	0.003B	0.002B	0.002B	0.034B	0.024	1.17	0.088	0.196	0.003E	0.005	0.004	0.003B	4
5	0.003B	0.002B	0.002B	0.040A	0.023	0.898	0.093	0.192	0.003E	0.004	0.004	0.003B	5
6	0.003B	0.002B	0.002B	0.045	0.022	0.594	0.581	0.189	0.003E	0.004	0.004	0.003B	6
7	0.003B	0.002B	0.002B	0.046	0.022	0.677	0.661	0.178	0.003E	0.003	0.004	0.003B	7
8	0.003B	0.002B	0.002B	0.047	0.021	0.568	0.414	0.187	0.003E	0.003	0.004	0.003B	8
9	0.003B	0.002B	0.002B	0.040	0.019	0.451	0.270	0.194	0.003E	0.002	0.004	0.003B	9
10	0.003B	0.003B	0.002B	0.034	0.020	0.553	0.184	0.197	0.003E	0.003	0.009	0.003B	10
11	0.002B	0.002B	0.002B	0.034	0.024	0.807	0.140	0.195	0.002E	0.003	0.019	0.003B	11
12	0.002B	0.002B	0.002B	0.037	0.020	1.27	0.107	0.195	0.002E	0.003	0.018	0.003B	12
13	0.002B	0.002B	0.002B	0.041	0.022	1.43	0.085	0.189	0.002E	0.003	0.017	0.003B	13
14	0.002B	0.002B	0.002B	0.046	0.037	0.903	0.065	0.191	0.002E	0.003	0.015	0.003B	14
15	0.002B	0.002B	0.002B	0.048	0.027	0.622	0.051	0.192	0.002E	0.003	0.012	0.003B	15
16	0.002B	0.002B	0.002B	0.051	0.024	0.483	0.043	0.196	0.002E	0.003	0.011	0.003B	16
17	0.002B	0.002B	0.002B	0.050	0.021	0.384	0.036	0.192	0.002E	0.003	0.009	0.003B	17
18	0.002B	0.002B	0.002B	0.050	0.023	0.317	0.031	0.203	0.002E	0.004	0.008	0.002B	18
19	0.002B	0.002B	0.002B	0.049	0.026	0.269	0.026	0.202	0.002A	0.004	0.007	0.001B	19
20	0.002B	0.002B	0.002B	0.049	0.035	0.239	0.022	0.209	0.002	0.004	0.006	0.001B	20
21	0.002B	0.002B	0.002B	0.049	0.038	0.189	0.096	0.212	0.002	0.004	0.006	0.001B	21
22	0.002B	0.002B	0.002B	0.049	0.053	0.154	0.201	0.205	0.002	0.004	0.005	0.001B	22
23	0.002B	0.002B	0.002B	0.056	0.080	0.129	0.215	0.201	0.002	0.004	0.007	0.002B	23
24	0.002B	0.002B	0.002B	0.047	0.137	0.110	0.217	0.135	0.002	0.004	0.005B	0.002B	24
25	0.002B	0.002B	0.002B	0.039	0.193	0.089	0.212	0.011	0.002	0.006	0.003B	0.002B	25
26	0.002B	0.002B	0.002B	0.037	0.153	0.077	0.219	0.009	0	0.011	0.002B	0.002B	26
27	0.002B	0.002B	0.003B	0.034	0.099	0.072	0.209	0.006	0.001	0.007	0.002B	0.002B	27
28	0.002B	0.002B	0.004B	0.032	0.094	0.083	0.204	0.005	0.001	0.007	0.003B	0.002B	28
29	0.002B		0.009B	0.033	0.390	0.074	0.210	0.003	0.001	0.007	0.003B	0.002B	29
30	0.001B		0.025B	0.028	0.615	0.066	0.201	0.019	0.002	0.006	0.003B	0.002B	30
31	0.001B		0.032B		0.622		0.204	0.012		0.005		0.002B	31
TOTAL	0.070	0.056	0.125	1.239	2.965	14.508	5.307	4.726	0.072	0.127	0.206	0.072	TOTAL
MEAN	0.002	0.002	0.004	0.041	0.096	0.484	0.171	0.153	0.002	0.004	0.007	0.002	MEAN
MAX	0.003	0.003	0.032	0.056	0.622	1.43	0.661	0.212	0.008	0.011	0.019	0.003	MAX
MIN	0.001	0.001	0.002	0.028	0.019	0.066	0.022	0.003	0	0.001	0.002	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 1.43 ON JUN 13
MINIMUM DAILY, 0 ON SEP 26
MAXIMUM INSTANTANEOUS,
1.66 AT 00:26 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 18 N
LONG 119 15 06 W
DRAINAGE AREA, 12.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6.05	JUL	459
FEB	4.84	AUG	408
MAR	10.8	SEP	6.22
APR	107	OCT	11.0
MAY	256	NOV	17.8
JUN	1 250	DEC	6.22

TOTAL DISCHARGE, 2 540 dam³

BURRELL CREEK ABOVE GLOUCESTER CREEK - STATION NO. 08NN023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.928	0.810B	0.720B	7.94	10.6	25.1	6.64	0.605	0.345	0.060	0.356	1.94	1
2	0.903	0.790B	0.720B	10.8	10.9	26.7	5.97	0.572	0.307	0.065	0.263	1.80	2
3	0.901B	0.780B	0.720B	11.8	11.9	26.0	5.58	0.541	0.260	0.086	0.227	1.75	3
4	0.915B	0.815B	0.725	10.7	14.8	27.0	4.69	0.508	0.229	0.134	0.227	1.75	4
5	0.905B	0.825B	0.795	10.7	21.0	20.4	4.32	0.483	0.211	0.268	0.240	1.62	5
6	0.900B	0.800B	0.744	11.7	25.7	17.2	4.43	0.449	0.204	0.212	0.194	1.56	6
7	0.920B	0.785B	0.787	12.6	17.3	21.0	3.98	0.410	0.191	0.150	0.262	1.47	7
8	0.946	0.765B	0.992	13.7	13.7	17.6	3.47	0.388	0.182	0.142	0.261	1.44	8
9	0.964	0.745B	0.908	12.7	12.2	15.8	3.13	0.376	0.171	0.132	0.355	1.50	9
10	1.06	0.725B	0.900	10.9	11.6	20.5	2.86	0.349	0.162	0.131	2.50	1.41	10
11	0.992B	0.820B	0.895	9.94	11.8	20.9	2.66	0.342	0.160	0.120	3.58	1.36	11
12	0.975B	0.900B	0.875	9.68	12.0	17.6	2.51	0.324	0.148	0.126	5.97	1.33	12
13	0.960B	0.870B	0.880	9.88	15.5	15.2	2.37	0.305	0.142	0.118	4.92	1.22	13
14	0.965B	0.830B	0.900	11.4	15.9	13.8	2.03	0.288	0.137	0.121	3.51	1.25	14
15	0.855	0.760B	0.896	12.7	15.2	13.5	1.83	0.268	0.128	0.120	2.88	1.21	15
16	0.845B	0.765B	0.880	14.1	11.6	14.4	1.62	0.268	0.132	0.128	2.54	1.16	16
17	0.840B	0.800B	0.957	15.7	11.7	15.6	1.46	0.249	0.149	0.130	2.37	1.08	17
18	0.845B	0.820B	1.11	16.8	12.3	14.9	1.38	0.248	0.142	0.124	2.14	1.07 B	18
19	0.855B	0.755B	1.35	18.1	12.0	14.9	1.22	0.249	0.119	0.123	2.08	1.04 B	19
20	0.830B	0.763B	1.76	19.4	12.0	15.6	1.08	0.221	0.113	0.124	1.99	1.02 B	20
21	0.825B	0.785B	1.97	22.0	12.2	14.5	1.01	0.237	0.104	0.142	1.84	0.990B	21
22	0.830B	0.775B	2.06	28.4	12.4	13.7	1.00	0.246	0.103	0.162	1.86	0.970B	22
23	0.825B	0.750B	2.04	28.9	16.3	13.5	1.03	0.233	0.096	0.158	1.99	0.950B	23
24	0.815B	0.730B	2.05	23.5	22.8	13.5	0.931	0.224	0.094	0.157	2.55	0.910B	24
25	0.800B	0.720B	2.08	18.6	22.2	12.1	0.948	0.232	0.083	0.160	2.60	0.860B	25
26	0.795B	0.680B	2.15	14.9	20.6	10.6 E	1.23	0.273	0.087	0.160	2.15	0.845B	26
27	0.800B	0.665B	2.25	13.2	17.8	9.39E	1.15	0.249	0.086	0.152	2.29	0.835B	27
28	0.805B	0.685B	2.44	12.3	17.3	8.61A	0.920	0.229	0.078	0.146	2.16	0.825B	28
29	0.810B		2.81	11.8	16.7	7.99	0.782	0.210	0.077	0.148	2.09	0.810B	29
30	0.815B		3.50	11.1	30.7	7.41	0.723	0.316	0.070	0.223	1.95	0.780B	30
31	0.820B		5.08		25.3		0.676	0.343		0.389		0.765B	31
TOTAL	27.244	21.713	46.944	435.64	495.0	485.00	73.630	10.235	4.510	4.611	53.345	37.520	TOTAL
MEAN	0.879	0.776	1.51	14.5	16.0	16.2	2.38	0.330	0.150	0.149	1.78	1.21	MEAN
MAX	1.06	0.900	5.08	28.9	30.7	27.0	6.64	0.605	0.345	0.389	3.58	1.94	MAX
MIN	0.795	0.665	0.720	7.94	10.6	7.41	0.676	0.210	0.070	0.060	0.194	0.765	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.64
MAXIMUM DAILY, 30.7 ON MAY 30
MINIMUM DAILY, 0.060 ON OCT 01
MAXIMUM INSTANTANEOUS,
37.0 AT 22:27 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 21 N
LONG 118 18 40 W
DRAINAGE AREA, 224 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 350	JUL	6 360
FEB	1 880	AUG	884
MAR	4 060	SEP	390
APR	37 600	OCT	398
MAY	42 800	NOV	4 610
JUN	41 900	DEC	3 240

TOTAL DISCHARGE, 146 000 dam³

CABIN CREEK NEAR THE MOUTH - STATION NO. 08NP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.772	0.485B	0.430E	1.04	3.13	11.4	6.07	1.21	0.548	0.471	1.59	1.18 B	1
2	0.754	0.490B	0.440E	1.82	3.71	8.94	5.74	1.14	0.541	0.500	1.12	1.08 B	2
3	0.754	0.530B	0.455E	3.03	4.66	8.46	5.66	1.09	0.541	0.495	0.760B	1.02 B	3
4	0.753	0.522B	0.468E	3.26	6.35	9.69	4.48	0.996	0.532	0.708	0.598B	0.957	4
5	0.734	0.503B	0.480E	2.45	9.10	8.18	4.01	0.964	0.522	1.09	0.502B	0.917	5
6	0.740	0.478B	0.492E	2.13	12.5	7.65	3.78	0.897	0.517	0.596	0.431B	0.879	6
7	0.761	0.464B	0.496E	2.09	9.15	9.94	3.54	0.843	0.517	0.539	0.471B	0.855B	7
8	0.726	0.472B	0.456A	2.05	6.54	9.18	3.22	0.816	0.511	0.524	0.668	0.843B	8
9	0.806	0.480B	0.448	1.87	5.38	9.40	3.08	0.794	0.507	0.531	1.08	0.843	9
10	1.05 B	0.510B	0.450	1.71	5.02	10.9	3.01	0.779	0.508	0.739	6.83	0.836	10
11	0.910B	0.550B	0.436	1.52	5.32	10.2	2.93	0.756	0.511	0.599	5.96	0.803	11
12	0.825B	0.500B	0.437	1.51	6.45	9.28	2.82	0.752	0.505	0.572	3.76	0.750B	12
13	0.798B	0.442B	0.442	1.70	6.20	7.88	2.74	0.650	0.504	0.548	2.88	0.700B	13
14	0.805B	0.378B	0.427	1.76	5.80	7.33	2.59	0.620	0.499	0.518	2.74	0.680	14
15	0.790	0.342B	0.418	2.24	5.24	7.04	2.39	0.622	0.497	0.527	2.23	0.648B	15
16	0.787	0.336B	0.403	2.57	5.27	7.67	2.21	0.638	0.498	0.538	1.91	0.650B	16
17	0.740B	0.340B	0.368	2.81	5.79	8.93	2.00	0.612	0.493	0.523	1.69	0.645B	17
18	0.708B	0.346B	0.397	3.50	6.32	9.24	1.83	0.637	0.491	0.541	1.52	0.462B	18
19	0.695B	0.370B	0.442	4.90	6.51	10.7	1.75	0.648	0.483	0.538	1.45	0.394B	19
20	0.695B	0.392B	0.470	5.79	6.48	10.1	1.71	0.642	0.478	0.518	1.30	0.376B	20
21	0.698B	0.424B	0.498	6.94	6.63	9.36	1.59	0.618	0.483	0.521	1.18	0.370B	21
22	0.701B	0.460B	0.500B	7.42	7.25	8.90	1.46	0.610	0.481	0.512	1.17	0.375B	22
23	0.702	0.482E	0.492B	8.39	11.1	9.61	1.42	0.595	0.483	0.512	1.28	0.390B	23
24	0.700B	0.494E	0.462B	7.82	13.3	9.56	1.47	0.568	0.475	0.512	2.21	0.408B	24
25	0.686	0.498E	0.462B	6.32	12.8	9.23	1.73	0.603	0.484	0.566	2.33	0.427B	25
26	0.640B	0.490E	0.492B	5.15	10.2	8.59	1.89	0.612	0.480	1.08	2.00 B	0.431B	26
27	0.580B	0.460E	0.512	4.47	10.3	7.83	1.66	0.584	0.466	0.736	1.78 B	0.431B	27
28	0.542B	0.436E	0.516	3.84	11.9	6.91	1.53	0.569	0.469	0.723	1.58 B	0.364B	28
29	0.518B		0.534	3.34	13.9	6.22	1.42	0.556	0.475	0.699	1.42 B	0.360B	29
30	0.500B		0.563	3.09	18.1	6.12	1.30	0.552	0.470	0.891	1.28	0.400B	30
31	0.492B		0.720		15.8		1.21	0.582		2.40		0.450B	31
TOTAL	22.362	12.674	14.606	106.53	256.20	264.44	82.24	22.555	14.969	20.767	55.720	19.924	TOTAL
MEAN	0.721	0.453	0.471	3.55	8.26	8.81	2.65	0.728	0.499	0.670	1.86	0.643	MEAN
MAX	1.05	0.550	0.720	8.39	18.1	11.4	6.07	1.21	0.548	2.40	6.83	1.18	MAX
MIN	0.492	0.336	0.368	1.04	3.13	6.12	1.21	0.552	0.466	0.471	0.431	0.360	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.45
MAXIMUM DAILY, 18.1 ON MAY 30
MINIMUM DAILY, 0.336B ON FEB 16
MAXIMUM INSTANTANEOUS,
19.8 AT 18:05 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 39 N
LONG 114 33 11 W
DRAINAGE AREA, 93.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 930	JUL	7 110
FEB	1 100	AUG	1 950
MAR	1 260	SEP	1 290
APR	9 200	OCT	1 790
MAY	22 100	NOV	4 810
JUN	22 800	DEC	1 720

TOTAL DISCHARGE, 77 100 dam³

CADDEN CREEK ABOVE DIVERSIONS - STATION NO. 08NJ164

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.371	0.242	0.235	0.228	0.106	0.069	0.046	---	---	1
2	---	---	---	0.315	0.237	0.237	0.225	0.104	0.067	---	---	---	2
3	---	---	---	0.332	0.230	0.242	0.223	0.099	0.067	---	---	---	3
4	---	---	---	0.318	0.228	0.296	0.215	0.097	0.064	---	---	---	4
5	---	---	---	0.321	0.225	0.298	0.206	0.093	0.062	---	---	---	5
6	---	---	---	0.324	0.223	0.298	0.201	0.090	0.059	---	---	---	6
7	---	---	---	0.326	0.220	0.289	0.196	0.088	0.056	---	---	---	7
8	---	---	---	0.324	0.223	0.297	0.189	0.086	0.054	---	---	---	8
9	---	---	---	0.291	0.237	0.318	0.165	0.082	0.052	---	---	---	9
10	---	---	---	0.262	0.218	0.326	0.160	0.080	0.051	---	---	---	10
11	---	---	---	0.247	0.215	0.332	0.158	0.080	0.051	---	---	---	11
12	---	---	---	0.242	0.218	0.343	0.158	0.078	0.049	---	---	---	12
13	---	---	---	0.240	0.223	0.354	0.155	0.077	0.048	---	---	---	13
14	---	---	---	0.215	0.225	0.349	0.128	0.075	0.048	---	---	---	14
15	---	---	---	0.223	0.230	0.343	0.130	0.075	0.049	---	---	---	15
16	---	---	---	0.240	0.230	0.338	0.132	0.077	0.051	---	---	---	16
17	---	---	---	0.242	0.232	0.329	0.132	0.078	0.051	---	---	---	17
18	---	---	---	0.262	0.230	0.326	0.130	0.080	0.051	---	---	---	18
19	---	---	---	0.291	0.230	0.318	0.130	0.078	0.049	---	---	---	19
20	---	---	---	0.294	0.228	0.299	0.128	0.075	0.049	---	---	---	20
21	---	---	---	0.299	0.225	0.294	0.130	0.073	0.048	---	---	---	21
22	---	---	---	0.315	0.218	0.265	0.126	0.075	0.048	---	---	---	22
23	---	---	---	0.318	0.215	0.262	0.130	0.078	0.046	---	---	---	23
24	---	---	---	0.318	0.218	0.260	0.126	0.077	0.045	---	---	---	24
25	---	---	---	0.294	0.218	0.252	0.126	0.075	0.045	---	---	---	25
26	---	---	---	0.291	0.215	0.250	0.126	0.073	0.044	---	---	---	26
27	---	---	---	0.289	0.220	0.245	0.124	0.072	0.044	---	---	---	27
28	---	---	---	0.262	0.236	0.240	0.118	0.069	0.042	---	---	---	28
29	---	---	---	0.247	0.255	0.235	0.116	0.067	0.042	---	---	---	29
30	---		---	0.245	0.250	0.232	0.114	0.067	0.044	---	---	---	30
31	---		---		0.240		0.108	0.069		---		---	31
TOTAL	---	---	---	8.558	7.054	8.702	4.733	2.493	1.545	---	---	---	TOTAL
MEAN	---	---	---	0.285	0.228	0.290	0.153	0.080	0.052	---	---	---	MEAN
MAX	---	---	---	0.371	0.255	0.354	0.228	0.106	0.069	---	---	---	MAX
MIN	---	---	---	0.215	0.215	0.232	0.108	0.067	0.042	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 06 42 N
LONG 117 29 08 W
DRAINAGE AREA, 6.7 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	409
FEB	---	AUG	215
MAR	---	SEP	133
APR	739	OCT	---
MAY	609	NOV	---
JUN	752	DEC	---

CAMP CREEK AT MOUTH NEAR THIRSK - STATION NO. 08NM134

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.060B	0.063	0.052	0.255	0.385	0.901	0.257	0.098	0.073	0.053	0.055	0.082	1
2	0.059B	0.060	0.049	0.332	0.377	0.910	0.261	0.093	0.071	0.050	0.058	0.073	2
3	0.058B	0.057	0.049	0.368	0.376	0.921	0.248	0.087	0.067	0.056	0.055	0.076	3
4	0.057	0.057	0.050	0.362	0.401	0.919	0.231	0.084	0.066	0.061	0.057	0.076	4
5	0.056	0.058	0.049	0.383	0.460	0.780	0.228	0.085	0.063	0.065	0.059	0.071	5
6	0.055	0.056	0.049	0.431	0.519	0.695	0.236	0.082	0.060	0.059	0.078	0.074	6
7	0.057	0.055	0.052	0.461	0.479	0.761	0.221	0.072	0.059	0.057	0.059	0.073	7
8	0.056	0.057	0.053	0.458	0.425	0.668	0.214	0.067	0.057	0.057	0.058	0.075	8
9	0.055	0.057	0.053	0.402	0.401	0.624	0.202	0.072	0.058	0.059	0.065	0.077	9
10	0.054	0.056	0.054	0.353	0.404	0.783	0.189	0.077	0.054	0.063	0.091	0.077	10
11	0.050B	0.055	0.054	0.342	0.495	0.884	0.176	0.078	0.056	0.059	0.096	0.076	11
12	0.049B	0.054B	0.054B	0.338	0.509	1.08	0.173	0.076	0.054	0.057	0.095	0.075B	12
13	0.048B	0.053B	0.054B	0.342	0.483	1.19	0.159	0.073	0.058	0.058	0.095	0.074B	13
14	0.048B	0.053	0.055	0.345	0.483	1.09	0.152	0.070	0.059	0.059	0.091	0.074B	14
15	0.047B	0.053	0.054	0.353	0.457	0.985	0.144	0.061	0.059	0.057	0.081	0.074B	15
16	0.047B	0.055	0.056	0.376	0.434	0.839	0.147	0.059	0.072	0.061	0.080	0.073B	16
17	0.046B	0.057	0.059	0.419	0.426	0.753	0.145	0.066	0.067	0.065	0.077	0.072B	17
18	0.048B	0.059	0.071	0.433	0.403	0.669	0.130	0.079	0.058	0.059	0.076	0.070B	18
19	0.049B	0.057	0.075	0.437	0.387	0.608	0.126	0.073	0.057	0.055	0.072	0.068B	19
20	0.051B	0.056	0.078	0.445	0.426	0.540	0.122	0.068	0.054	0.057	0.071	0.064B	20
21	0.054	0.062	0.080	0.462	0.438	0.484	0.119	0.094	0.054	0.058	0.072	0.062B	21
22	0.054	0.066	0.075	0.472	0.474	0.445	0.120	0.112	0.050	0.058	0.071	0.063B	22
23	0.051	0.064	0.071	0.511	0.618	0.404	0.122	0.085	0.048	0.057	0.083	0.063B	23
24	0.054	0.059	0.078	0.499	0.834	0.378	0.122	0.085	0.050	0.053	0.108	0.064B	24
25	0.055	0.058	0.097	0.477	0.875	0.354	0.121	0.097	0.051	0.055	0.109	0.064B	25
26	0.052	0.054	0.081	0.435	0.821	0.323	0.119	0.083	0.050	0.067	0.103	0.064B	26
27	0.051	0.052	0.085	0.404	0.747	0.305	0.109	0.074	0.049	0.061	0.131	0.065B	27
28	0.051	0.052	0.093	0.407	0.750	0.293	0.105	0.072	0.051	0.061	0.127	0.062B	28
29	0.054		0.110	0.385	0.911	0.280	0.106	0.074	0.052	0.060	0.085	0.058B	29
30	0.057		0.153	0.373	0.833	0.265	0.101	0.089	0.054	0.060	0.080	0.060B	30
31	0.061		0.204		0.876		0.100	0.076		0.056		0.062B	31
TOTAL	1.644	1.595	2.247	12.060	16.907	20.131	5.005	2.461	1.731	1.813	2.438	2.161	TOTAL
MEAN	0.053	0.057	0.073	0.402	0.545	0.671	0.162	0.079	0.058	0.059	0.081	0.070	MEAN
MAX	0.061	0.066	0.204	0.511	0.911	1.19	0.261	0.112	0.073	0.067	0.131	0.082	MAX
MIN	0.046	0.052	0.049	0.255	0.376	0.265	0.100	0.059	0.048	0.050	0.055	0.058	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.192
MAXIMUM DAILY, 1.19 ON JUN 13
MINIMUM DAILY, 0.046B ON JAN 17
MAXIMUM INSTANTANEOUS,
1.27 AT 22:58 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 40 N
LONG 120 00 30 W
DRAINAGE AREA, 33.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	142	JUL	432
FEB	138	AUG	213
MAR	194	SEP	150
APR	1 040	OCT	157
MAY	1 460	NOV	211
JUN	1 740	DEC	187

TOTAL DISCHARGE, 6 060 dam³

CAMPBELL RIVER ABOVE SAM HILL CREEK - STATION NO. 08MH123

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.619	0.251	0.127	0.161	0.120	0.426	---	1
2	---	---	---	---	0.699	0.571	0.265	0.128	0.145	0.114	0.366	---	2
3	---	---	---	---	0.633	1.56	0.244	0.126	0.140	0.164	0.432	---	3
4	---	---	---	---	0.591	2.21	0.231	0.129	0.133	0.570	0.612	---	4
5	---	---	---	---	0.557	1.73	0.232	0.134	0.119	0.280	0.565	---	5
6	---	---	---	---	0.511	2.13	0.244	0.132	0.118	0.186	0.501	---	6
7	---	---	---	---	0.476	1.81	0.225	0.137	0.117	0.165	0.822A	---	7
8	---	---	---	---	0.458	1.52	0.206	0.136	0.116	0.150	---	---	8
9	---	---	---	---	0.433	1.43	0.186	0.128	0.113	0.166	---	---	9
10	---	---	---	---	0.418	2.14	0.170	0.131	0.114	0.165	---	---	10
11	---	---	---	---	0.432	1.88	0.168	0.136	0.115	0.158	---	---	11
12	---	---	---	---	0.436	1.38	0.168	0.135	0.115	0.260	---	---	12
13	---	---	---	---	0.451	1.04	0.157	0.134	0.113	0.189	---	---	13
14	---	---	---	---	0.450	0.822	0.151	0.135	0.104	0.186	---	---	14
15	---	---	---	---	0.427	0.676	0.157	0.130	0.113	0.180	---	---	15
16	---	---	---	---	0.396	0.560	0.142	0.137	0.192	0.177	---	---	16
17	---	---	---	---	0.374	0.541	0.137	0.132	0.191	0.182	---	---	17
18	---	---	---	---	0.403	0.516	0.138	0.152	0.132	0.263	---	---	18
19	---	---	---	---	0.390	0.464	0.139	0.148	0.116	0.253	---	---	19
20	---	---	---	---	0.413	0.430	0.151	0.139	0.113	0.226	---	---	20
21	---	---	---	---	0.456	0.402	0.144	0.144	0.116	0.721	---	---	21
22	---	---	---	---	0.407	0.368	0.140	0.145	0.108	0.624	---	---	22
23	---	---	---	---	0.375	0.353	0.137	0.134	0.103	0.485	---	---	23
24	---	---	---	---	0.350	0.331	0.138	0.127	0.106	0.394	---	---	24
25	---	---	---	---	0.330	0.322	0.137	0.135	0.106	0.309	---	---	25
26	---	---	---	---	0.327	0.317	0.152	0.133	0.108	0.326	---	---	26
27	---	---	---	---	0.326	0.302	0.146	0.132	0.102	0.295	---	---	27
28	---	---	---	---	0.315	0.280	0.135	0.127	0.101	0.296	---	---	28
29	---	---	---	---	0.312	0.267	0.136	0.144	0.105	0.312	---	---	29
30	---		---	0.898A	0.314	0.263	0.138	0.158	0.106	0.527	---	---	30
31	---		---		0.462		0.134	0.226		0.472		---	31
TOTAL	---	---	---	---	13.688	27.234	5.299	4.291	3.641	8.917	---	---	TOTAL
MEAN	---	---	---	---	0.442	0.908	0.171	0.138	0.121	0.288	---	---	MEAN
MAX	---	---	---	---	0.766	2.21	0.265	0.226	0.192	0.721	---	---	MAX
MIN	---	---	---	---	0.312	0.263	0.134	0.126	0.101	0.114	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.101 ON SEP 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 27 N
LONG 122 43 04 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	458
FEB	---	AUG	371
MAR	---	SEP	315
APR	---	OCT	770
MAY	1 180	NOV	---
JUN	2 350	DEC	---

CANOE RIVER BELOW KIMMEL CREEK - STATION NO. 08NC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.94B	1.68B	1.26B	1.88B	7.00	34.0	41.1	53.1	19.1	9.49	3.73	3.08B	1
2	2.85B	1.65B	1.25B	1.94B	7.85	30.4	39.3	42.2	19.4	7.80	3.71B	2.98B	2
3	2.74B	1.64B	1.25B	2.00B	8.54	30.4	35.2	39.1	15.0	6.23	3.68B	2.93B	3
4	2.71B	1.63B	1.24B	2.08B	11.2	29.2	33.1	44.3	15.1	7.41	3.51B	2.90B	4
5	2.70B	1.63B	1.24B	2.14B	15.9	25.1	38.2	54.9	19.1	7.40	3.32B	2.89B	5
6	2.68B	1.62B	1.23B	2.21B	19.4	23.7	47.2	61.8	21.4	5.66	3.29B	2.83B	6
7	2.64B	1.60B	1.23B	2.27B	12.1	24.8	46.4	49.7	25.4	5.35	3.10B	2.74B	7
8	2.55B	1.58B	1.22B	2.33B	10.2	25.3	47.9	47.5	24.1	5.06	2.98B	2.67B	8
9	2.42B	1.54B	1.22B	2.41B	9.60	25.2	53.6	52.7	23.1	5.60	2.91B	2.64B	9
10	2.34B	1.50B	1.23B	2.46B	9.98	27.0	51.8	56.1	25.5	6.04	2.90B	2.64B	10
11	2.31B	1.47B	1.24B	2.52B	11.1	31.2	61.8	61.1	26.5	4.91	3.70B	2.61B	11
12	2.28B	1.43B	1.27B	2.57	10.6	26.1	74.5	65.7	21.2	4.95	7.60B	2.60B	12
13	2.24B	1.38B	1.31B	2.87	9.43	22.8	66.9	66.8	17.6	4.97	7.95B	2.60B	13
14	2.22B	1.34B	1.34B	3.32	9.61	24.9	51.3	75.0	23.1	4.39	6.55B	2.59B	14
15	2.19B	1.29B	1.39B	4.06	9.94	29.3	47.0	62.3	27.5	3.94	5.82B	2.58B	15
16	2.15B	1.26B	1.43B	4.56	10.8	36.0	46.6	51.7	29.4	3.64	5.18B	2.55B	16
17	2.11B	1.24B	1.48B	4.74	11.5	36.9	38.9	46.5	19.6	3.34	4.65B	2.47B	17
18	2.08B	1.21B	1.51B	5.80	13.5	36.5	35.8	41.5	18.1	3.28	4.25B	2.38B	18
19	2.06B	1.20B	1.55B	7.17	15.3	36.3	33.3	45.3	17.6	3.08	3.95B	2.31B	19
20	2.05B	1.19B	1.57B	9.59	12.9	36.1	33.5	49.3	13.7	3.03	3.68B	2.22B	20
21	2.06B	1.20B	1.61B	9.71	13.4	37.4	37.1	49.1	16.6	3.11	3.29B	2.18B	21
22	2.06B	1.21B	1.62B	9.56	12.5	47.0	43.0	55.1	21.1	2.99	3.18B	2.17B	22
23	2.05B	1.22B	1.63B	10.1	13.5	61.8	45.7	34.0	29.8	2.88	3.16B	2.16B	23
24	2.04B	1.24B	1.63B	11.0	16.4	55.7	45.2	25.8	30.3	3.12	3.26B	2.17B	24
25	2.01B	1.25B	1.64B	9.71	21.4	47.4	51.6	20.0	26.2	11.8	3.44B	2.18B	25
26	1.97B	1.27B	1.65B	8.02	22.7	44.7	61.3	21.6	16.7	13.8	3.43B	2.18B	26
27	1.94B	1.28B	1.67B	7.68	22.8	41.3	57.2	17.1	13.3	6.35	3.37B	2.19B	27
28	1.92B	1.27B	1.68B	6.59	26.7	42.1	51.0	18.5	11.7	7.76	3.28B	2.20B	28
29	1.87B		1.72B	5.97	31.1	38.1	54.3	21.6	12.4	5.59	3.21B	2.19B	29
30	1.83B		1.77B	6.16	31.6	40.2	58.1	34.3	9.66	4.71	3.14B	2.18B	30
31	1.76B		1.82B		31.8		59.8	28.7		4.11		2.17B	31
TOTAL	69.77	39.02	44.90	153.42	465.95	1 046.2	1 487.7	1 394.4	609.46	171.79	119.22	77.18	TOTAL
MEAN	2.25	1.39	1.45	5.11	15.0	34.9	48.0	45.0	20.3	5.54	3.97	2.49	MEAN
MAX	2.94	1.68	1.82	11.0	31.8	61.8	74.5	75.0	30.3	13.8	7.95	3.08	MAX
MIN	1.76	1.19	1.22	1.88	7.00	22.8	33.1	17.1	9.66	2.88	2.90	2.16	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 75.0 ON AUG 14
MINIMUM DAILY, 1.19B ON FEB 20
MAXIMUM INSTANTANEOUS,
80.4 AT 22:10 PST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 43 41 N
LONG 119 24 30 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 030	JUL	129 000
FEB	3 370	AUG	120 000
MAR	3 880	SEP	52 700
APR	13 300	OCT	14 800
MAY	40 300	NOV	10 300
JUN	90 400	DEC	6 670

TOTAL DISCHARGE, 491 000 dam³

CANYON CREEK NEAR SMITHERS - STATION NO. 08EE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	0.420B	0.264	3.47	5.30	21.3	14.8	0.656	0.124	0.108	0.306	0.110B	1
2	0.695B	0.415B	0.268	3.76	5.42	20.5	11.2	0.839	0.120	0.120	0.306	0.106B	2
3	0.695B	0.430B	0.26	4.22	6.18	22.1	9.78	0.839	0.120	0.120	0.235	0.120B	3
4	0.695B	0.435B	0.260	4.48	6.97	29.1	7.94	0.839	0.114	0.124	0.215	0.145B	4
5	0.700B	0.440B	0.260	4.79	9.22	20.1	6.94	0.839	0.114	0.132	0.186B	0.165B	5
6	0.710B	0.445B	0.260	5.06	9.97	14.4	5.60	0.839	0.111	0.140	0.182B	0.200B	6
7	0.720B	0.440B	0.264	4.74	8.46	13.3	4.88	0.839	0.132	0.160	0.177B	0.215B	7
8	0.710B	0.435B	0.260	4.32	7.41	12.5	3.96	0.369	0.148	0.167	0.172B	0.222B	8
9	0.700B	0.430B	0.264	3.86	7.19	11.2	4.36	0.353	0.136	0.250	0.169B	0.220B	9
10	0.690B	0.405B	0.264	3.28	7.04	11.1	3.96	0.321	0.120	0.313	0.165B	0.200B	10
11	0.680B	0.385B	0.260	2.90	6.97	13.2	3.41	0.290	0.117	0.321	0.162B	0.187B	11
12	0.670B	0.370B	0.256	3.14	6.75	11.8	2.80	0.266	0.105	0.313	0.158B	0.170B	12
13	0.670B	0.358B	0.240	3.57	6.68	11.0	2.44	0.258	0.098	0.274	0.157B	0.157B	13
14	0.665B	0.352B	0.228	5.74	6.54	10.0	2.13	0.242	0.093	0.258	0.160B	0.146B	14
15	0.660B	0.355B	0.220	6.32	6.46	9.24	2.07	0.258	0.084	0.234	0.162B	0.132B	15
16	0.654B	0.361B	0.264	7.78	7.86	8.70	1.95	0.329	0.080	0.188	0.160B	0.122B	16
17	0.650B	0.360B	0.284	9.00	9.39	7.86	1.78	0.321	0.080	0.195	0.155B	0.114B	17
18	0.650B	0.345B	0.296	9.30	10.2	6.94	1.76	0.266	0.080	0.188	0.147B	0.107B	18
19	0.660B	0.320B	0.346	8.92	10.4	6.35	1.73	0.242	0.080	0.188	0.137B	0.100B	19
20	0.690B	0.295B	0.516	8.62	10.7	6.35	1.39	0.211	0.082	0.188	0.132B	0.094B	20
21	0.685B	0.275B	0.492	8.54	10.8	5.76	1.14	0.188	0.086	0.227	0.126B	0.091B	21
22	0.670B	0.268B	0.476	8.16	10.9	5.20	1.08	0.160	0.084	0.258	0.125B	0.087B	22
23	0.655B	0.265B	0.516	7.41	9.62	4.68	1.10	0.167	0.082	0.306	0.124B	0.086B	23
24	0.630B	0.262B	0.460	6.86	9.75	4.44	1.06	0.181	0.080	0.353	0.123B	0.085B	24
25	0.600B	0.260B	0.468	5.96	10.2	4.36	1.02	0.144	0.080	0.424	0.120B	0.084B	25
26	0.570B	0.264	0.550	5.82	10.1	5.96	0.972	0.111	0.082	0.424	0.119B	0.084B	26
27	0.540B	0.260	0.695	5.74	16.8	4.96	0.897	0.105	0.082	0.412	0.117B	0.084B	27
28	0.510B	0.260	0.874	5.30	24.4	5.56	0.798	0.120	0.080	0.392	0.116B	0.083B	28
29	0.490B		1.21	4.53	26.2	6.45	0.764	0.114	0.082	0.400	0.116B	0.082B	29
30	0.470B		2.21	4.79	23.0	7.81	0.698	0.111	0.082	0.353	0.115B	0.081B	30
31	0.440B		2.39		21.0		0.673	0.105		0.321		0.080B	31
TOTAL	19.924	9.910	15.879	170.38	327.88	322.22	105.082	10.922	2.958	7.851	4.844	3.959	TOTAL
MEAN	0.643	0.354	0.512	5.68	10.6	10.7	3.39	0.352	0.099	0.253	0.162	0.128	MEAN
MAX	0.720	0.445	2.39	9.30	26.2	29.1	14.8	0.839	0.148	0.424	0.306	0.222	MAX
MIN	0.440	0.260	0.220	2.90	5.30	4.36	0.673	0.105	0.080	0.108	0.115	0.080	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 29.1 ON JUN 04
MINIMUM DAILY, 0.080 ON SEP 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 47 54 N
LONG 127 06 41 W
DRAINAGE AREA, 256 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 720	JUL	9 080
FEB	856	AUG	944
MAR	1 370	SEP	256
APR	14 700	OCT	678
MAY	28 300	NOV	419
JUN	27 800	DEC	342

TOTAL DISCHARGE, 86 500 dam³

CAPILANO RIVER ABOVE INTAKE - STATION NO. 08GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8	5.30	11.3	27.1	14.5	21.8	11.3	2.17	10.0	2.69	14.6	10.5	1
2	6.73	12.8	11.8	28.8	16.6	17.6	9.01	2.07	7.35	2.71	10.9	7.71	2
3	5.82	43.6	12.7	26.2	21.7	82.7	9.33	1.97	6.30	4.09	12.0	58.2	3
4	10.2	17.4	26.3	24.6	31.8	42.5	8.28	1.90	5.68	49.6	14.5	128	4
5	57.4	17.7	22.7	26.8	40.5	25.9	8.98	1.86	5.34	18.0	12.2	27.1	5
6	43.4	11.3	32.1	28.5	28.9	30.2	12.5	1.87	5.11	7.28	9.77	16.9	6
7	86.5	8.18	46.1	30.3	17.5	32.8	11.7	1.84	4.98	4.55	18.0	13.0	7
8	31.5	6.37	25.0	27.7	13.9	28.4	9.19	1.94	4.81	3.46	16.3	36.2	8
9	34.6	7.43	17.6	20.7	15.0	34.0	9.38	2.30	4.76	20.1	112	38.1	9
10	21.9	30.9	23.6	18.9	18.9	50.1	7.79	3.32	4.69	19.6	256	22.4	10
11	13.9	44.2	13.3	26.1	20.7	36.5	7.59	3.38	4.61	10.6	293	14.7	11
12	13.8	20.3	9.68	28.6	19.7	25.3	7.37	3.31	4.44	18.0	99.9	10.6	12
13	19.9	11.8	8.35	23.5	22.0	20.6	6.49	3.55	4.35	12.7	124	8.70	13
14	25.6	8.24B	9.12	22.7	18.7	23.0	5.61	4.30	4.25	8.09	35.7	8.14	14
15	17.5	4.63B	8.49	30.6	17.0	24.0	5.13	4.24	4.32	6.45	31.3	8.83	15
16	14.1	3.37B	9.34	40.5	15.4	20.3	4.62	4.30	8.08	5.27	103	6.82	16
17	10.6	2.78B	18.5	50.6	15.3	15.7	4.03	5.25	6.05	6.24	80.1	9.09	17
18	8.58	2.26B	26.6	34.4	14.8	15.9	3.58	5.29	5.24	25.6	25.6	10.6	18
19	7.20	2.12B	25.1	30.7	13.9	16.2	3.39	5.25	4.75	13.1	18.0	6.19	19
20	6.15	2.44B	26.1	35.8	31.1	15.2	3.26	5.14	4.41	8.24	12.6	4.56B	20
21	6.38	3.13B	23.9	30.4	31.4	17.7	3.12	5.09	4.03	34.3	11.1	4.02B	21
22	11.8	3.50B	19.7	26.9	55.6	20.0	2.99	5.05	2.96	17.1	30.3	3.65B	22
23	10.0	4.56B	15.0	34.9	30.1	17.2	2.87	5.00	2.83	11.0	376	3.30B	23
24	9.00	8.18	12.3	33.8	20.6	13.6	2.73	5.00	2.75	29.2	79.1	2.95B	24
25	14.3	10.9	10.7	29.3	16.2	11.7	2.59	5.19	2.68	93.6	26.2	2.68B	25
26	9.54	10.0	10.1	25.8	14.4	10.2	2.48	4.98	2.65	34.0	15.9	2.40B	26
27	7.57	9.57	10.7	20.6	19.4	8.85	2.45	4.86	2.66	24.9	11.4	2.20B	27
28	9.10	10.4	14.7	16.5	24.8	11.3	2.38	4.63	2.63	31.2	12.2	2.00B	28
29	7.78		19.4	14.0	22.4	12.1	2.31	4.90	2.57	35.2	55.3	2.95B	29
30	6.39		21.7	13.0	19.6	15.3	2.25	12.2	2.50	46.0	16.2	3.02B	30
31	5.35		24.5		23.9		2.23	20.8		22.2		2.63B	31
TOTAL	545.39	323.36	566.68	828.9	686.3	716.65	175.93	143.95	137.78	625.07	1 933.17	478.14	TOTAL
MEAN	17.6	11.5	18.3	27.6	22.1	23.9	5.68	4.64	4.59	20.2	64.4	15.4	MEAN
MAX	86.5	44.2	46.1	50.6	55.6	82.7	12.5	20.8	10.0	93.6	376	128	MAX
MIN	5.35	2.12	8.35	13.0	13.9	8.85	2.23	1.84	2.50	2.69	9.77	2.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.6
MAXIMUM DAILY, 376 ON NOV 23
MINIMUM DAILY, 1.84 ON AUG 07
MAXIMUM INSTANTANEOUS,
630E AT 15:49 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 45 N
LONG 123 08 40 W
DRAINAGE AREA, 172 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 100	JUL	15 200
FEB	27 900	AUG	12 400
MAR	49 000	SEP	11 900
APR	71 600	OCT	54 000
MAY	59 300	NOV	167 000
JUN	61 900	DEC	41 300

TOTAL DISCHARGE, 619 000 dam³

CARBONATE CREEK NEAR MCMURDO - STATION NO. 08NA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.113E	0.191	0.377	0.194	0.099	0.071	---	---	---	1
2	---	---	---	0.131A	0.186	0.325	0.192	0.096	0.070	---	---	---	2
3	---	---	---	0.152	0.182	0.303	0.181	0.092	0.072	---	---	---	3
4	---	---	---	0.159	0.174	0.299	0.170	0.086	0.071	---	---	---	4
5	---	---	---	0.165	0.189	0.284	0.163	0.085	0.070	---	---	---	5
6	---	---	---	0.170	0.248	0.267	0.173	0.085	0.069	---	---	---	6
7	---	---	---	0.175	0.247	0.300	0.163	0.086	0.069	---	---	---	7
8	---	---	---	0.181	0.223	0.280	0.150	0.084	0.064	---	---	---	8
9	---	---	---	0.181	0.206	0.269	0.145	0.079	0.066	---	---	---	9
10	---	---	---	0.178	0.201	0.292	0.142	0.079	0.064	---	---	---	10
11	---	---	---	0.178	0.196	0.329	0.138	0.080	0.062	---	---	---	11
12	---	---	---	0.179	0.190	0.300	0.137	0.074	0.062	---	---	---	12
13	---	---	---	0.178	0.194	0.259	0.130	0.079	0.062	---	---	---	13
14	---	---	---	0.178	0.200	0.238	0.129	0.077	0.062	---	---	---	14
15	---	---	---	0.186	0.193	0.240	0.127	0.079	0.059	---	---	---	15
16	---	---	---	0.186	0.189	0.253	0.122	0.074	0.067	---	---	---	16
17	---	---	---	0.188	0.185	0.266	0.118	0.075	0.062	---	---	---	17
18	---	---	---	0.190	0.186	0.285	0.118	0.073	0.061	---	---	---	18
19	---	---	---	0.196	0.188	0.278	0.120	0.071	0.058	---	---	---	19
20	---	---	---	0.201	0.189	0.253	0.116	0.070	0.057	---	---	---	20
21	---	---	---	0.206	0.187	0.249	0.105	0.075	0.064	---	---	---	21
22	---	---	---	0.215	0.185	0.260	0.102	0.078	0.064	---	---	---	22
23	---	---	---	0.228	0.206	0.268	0.099	0.076	0.059	---	---	---	23
24	---	---	---	0.223	0.234	0.301	0.114	0.075	0.061	---	---	---	24
25	---	---	---	0.219	0.295	0.272	0.109	0.076	0.062	---	---	---	25
26	---	---	---	0.219	0.284	0.246	0.112	0.075	0.061	---	---	---	26
27	---	---	---	0.213	0.267	0.228	0.107	0.074	0.060	---	---	---	27
28	---	---	---	0.208	0.269	0.213	0.098	0.072	0.060	---	---	---	28
29	---	---	---	0.201	0.294	0.204	0.093	0.070	0.061	---	---	---	29
30	---		---	0.195	0.457	0.198	0.091	0.073	0.062	---	---	---	30
31	---		---		0.400		0.093	0.074		---		---	31
TOTAL	---	---	---	5.592	7.035	8.136	4.051	2.441	1.912	---	---	---	TOTAL
MEAN	---	---	---	0.186	0.227	0.271	0.131	0.079	0.064	---	---	---	MEAN
MAX	---	---	---	0.228	0.457	0.377	0.194	0.099	0.072	---	---	---	MAX
MIN	---	---	---	0.113	0.174	0.198	0.091	0.070	0.057	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.457 ON MAY 30

MAXIMUM INSTANTANEOUS,
0.555 AT 13:46 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 35 N
LONG 116 44 23 W
DRAINAGE AREA, 8.03 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	350
FEB	---	AUG	211
MAR	---	SEP	165
APR	483	OCT	---
MAY	608	NOV	---
JUN	703	DEC	---

CARIBOO RIVER BELOW KANGAROO CREEK - STATION NO. 08KH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.9	24.0B	22.0B	28.0	121	417	296	127	86.0	39.1	54.8	44.2B	1
2	42.3	25.0B	22.0B	30.3	121	412	290	124	91.9	38.6	51.5	45.0B	2
3	41.6	26.5B	21.5B	32.4	125	413	286	121	88.2	37.0	48.8	46.0B	3
4	39.7	27.5B	21.0B	34.3	138	412	272	115	81.4	42.4	46.8	47.4	4
5	41.6	28.0B	20.5B	36.3	171	403	254	108	76.1	42.9	44.6	48.0	5
6	43.4	27.5B	20.0B	39.6	221	388	244	103	69.0	40.8	41.0	46.5	6
7	43.1	27.0B	20.0B	43.4	234	366	241	107	64.6	39.3	41.0	44.3	7
8	41.9	26.5B	20.5B	45.2	221	348	239	110	61.1	38.6	40.0	43.3	8
9	40.7	26.0B	21.0B	44.6	204	338	240	106	59.5	42.0	38.6	42.9	9
10	39.4	26.5B	20.5B	43.6	192	340	242	102	58.6	46.1	37.6	39.8	10
11	38.3	27.0B	20.5B	43.3	185	381	243	97.7	56.9	46.2	45.0	37.3	11
12	34.9	26.0B	20.0B	43.9	183	435	241	97.6	57.1	45.0	80.2	36.4	12
13	36.1	25.0B	19.9B	47.6	181	458	248	98.6	56.0	42.9	116	33.8	13
14	37.3	24.0B	19.7B	55.4	179	443	256	103	53.9	41.7	129	33.5B	14
15	37.3	23.0B	19.5B	64.9	172	419	247	107	53.3	40.6	121	33.2B	15
16	36.9	22.5B	20.0B	72.9	170	399	226	107	51.8	39.0	110	32.9B	16
17	35.2	23.0B	20.5B	80.8	174	387	206	106	51.7	37.3	103	32.6B	17
18	34.5B	24.0B	21.5B	89.8	179	379	191	104	53.5	35.4	94.4	32.3B	18
19	34.0B	25.0B	22.5B	104	185	362	176	98.6	52.5	34.7	88.6	32.0B	19
20	33.5B	26.0B	24.0B	127	194	356	160	91.5	50.9	33.7	81.9	31.0B	20
21	33.0B	25.5B	25.0B	151	207	351	147	87.5	49.3	32.7	77.1	30.0B	21
22	33.0B	25.0B	24.5B	160	220	351	139	87.7	47.8	31.9	73.0	29.9B	22
23	33.0B	24.0B	24.0B	173	230	358	135	93.9	46.5	31.1	71.8	29.8B	23
24	32.0B	24.0B	23.5B	189	239	374	136	95.1	45.8	31.0	63.4	29.7B	24
25	31.0B	23.5B	23.0B	183	259	379	138	89.8	47.8	42.8	52.1	29.6B	25
26	30.5B	23.5B	23.0B	169	286	373	138	83.8	48.8	56.4	46.0	29.0B	26
27	30.0B	23.0B	23.0B	159	307	355	140	77.7	48.5	61.5	45.0B	28.5B	27
28	29.0B	23.0B	23.5B	144	322	341	143	71.1	46.1	64.2	44.6B	28.4B	28
29	28.0B		24.0	132	352	324	138	65.3	43.9	64.3	44.3B	28.2B	29
30	26.5B		25.0	124	393	307	131	65.2	40.6	61.9	44.0B	28.1B	30
31	25.0B		26.5		413		129	75.2		59.3		28.0B	31
TOTAL	1 105.6	701.5	682.1	2 691.3	6 778	11 369	6 312	3 026.3	1 739.1	1 340.4	1 975.1	1 101.6	TOTAL
MEAN	35.7	25.1	22.0	89.7	219	379	204	97.6	58.0	43.2	65.8	35.5	MEAN
MAX	43.4	28.0	26.5	189	413	458	296	127	91.9	64.3	129	48.0	MAX
MIN	25.0	22.5	19.5	28.0	121	307	129	65.2	40.6	31.0	37.6	28.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 106
MAXIMUM DAILY, 458 ON JUN 13
MINIMUM DAILY, 19.5B ON MAR 15
MAXIMUM INSTANTANEOUS,
462 AT 13:05 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 00 N
LONG 121 40 17 W
DRAINAGE AREA, 3 260 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	95 500	JUL	545 000
FEB	60 600	AUG	261 000
MAR	58 900	SEP	150 000
APR	233 000	OCT	116 000
MAY	586 000	NOV	171 000
JUN	982 000	DEC	95 200

TOTAL DISCHARGE, 3 350 000 dam³

CARNATION CREEK AT 150 M CONTOUR - STATION NO. 08HB069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.255	0.136	0.144	0.101	0.056	0.210	0.076	0.010	0.054	0.018	0.235	0.211	1
2	0.130	0.826	0.140	0.093	0.055	0.196	0.056	0.010	0.030	0.018	0.201	0.152	2
3	0.399	0.783	0.170	0.080	0.047	0.771	0.043	0.010	0.021	0.406	0.440	1.65	3
4	0.528	0.376	0.230	0.073	0.039	0.521	0.039	0.011	0.022	0.990	0.301	0.769	4
5	0.645	0.566	0.180	0.071	0.036	0.261	0.067	0.010	0.019	0.265	0.233	0.607	5
6	0.601	0.257	0.344	0.068	0.036	0.162	0.134	0.009	0.018	0.125	0.202	0.369	6
7	0.707	0.214	0.203	0.065	0.033	0.313	0.064	0.008	0.014	0.080	0.164	0.202	7
8	0.601	0.163	0.133	0.059	0.031	0.253	0.048	0.008	0.015	0.064	0.308	0.522	8
9	0.675	0.514	0.390	0.053	0.029	0.216	0.043	0.008	0.015	0.361	1.05	0.333	9
10	0.412	0.880	0.534	0.047	0.026	0.511	0.041	0.007	0.012	0.258	2.16	0.203	10
11	0.210	0.722	0.215	0.056	0.028	0.498	0.036	0.007	0.011	0.254	0.870	0.162	11
12	0.159	0.290	0.137	0.065	0.026A	0.191	0.033	0.007	0.010	0.362	0.684	0.146	12
13	0.252	0.165	0.171	0.066	0.027E	0.123	0.033	0.007	0.009	0.164	0.652	0.122	13
14	0.307	0.130	0.464	0.072	0.026E	0.094	0.028	0.008	0.008	0.179	0.645	0.291	14
15	0.191	0.116	0.255	0.056	0.024E	0.074	0.031	0.008	0.009	0.174	0.548	0.509	15
16	0.136	0.095	0.251	0.053	0.022E	0.062	0.026	0.089	0.020	0.121	0.587	0.204	16
17	0.107	0.078	0.435	0.073	0.021E	0.052	0.024	0.051	0.025	0.212	0.519	0.445	17
18	0.090	0.067	0.343	0.060	0.020E	0.048	0.021	0.030	0.015	0.231	0.292	0.345	18
19	0.076	0.066	0.237	0.089	0.019A	0.047	0.020	0.019	0.012	0.133	0.406	0.149	19
20	0.071	0.149	0.416	0.111	0.022	0.046	0.019	0.015	0.010	0.126	0.278	0.104	20
21	0.136	0.174	0.256	0.071	0.035	0.041	0.019	0.013	0.010	0.527	0.403	0.088	21
22	0.590	0.138	0.180	0.116	0.267	0.035	0.018	0.012	0.008	0.204	0.681	0.077	22
23	0.361	0.223	0.158	0.095	0.113	0.032	0.016	0.011	0.007	0.177	1.51	0.063	23
24	0.562	0.326	0.113	0.067	0.052	0.029	0.016	0.013	0.008	0.469	0.345	0.054	24
25	0.637	0.262	0.097	0.223	0.040	0.032	0.017	0.011	0.009	0.889	0.235	0.048	25
26	0.279	0.156	0.086	0.173	0.040	0.026	0.017	0.014	0.009	0.475	0.161	0.045	26
27	0.573	0.127	0.081	0.133	0.050	0.023	0.016	0.012	0.009	0.453	0.148	0.072	27
28	0.602	0.139	0.089	0.118	0.051	0.031	0.012	0.009	0.008	0.598	0.290	0.042	28
29	0.419		0.101	0.076	0.042	0.090	0.010	0.010	0.009	0.536	0.725	0.026	29
30	0.225		0.099	0.068	0.048	0.135	0.009	0.038	0.008	0.489	0.289	0.092	30
31	0.139		0.102		0.262		0.010	0.090		0.309		0.682	31
TOTAL	11.075	8.138	6.754	2.551	1.623	5.123	1.042	0.565	0.434	9.667	15.862	8.784	TOTAL
MEAN	0.357	0.291	0.218	0.085	0.052	0.171	0.034	0.018	0.015	0.312	0.529	0.283	MEAN
MAX	0.707	0.880	0.534	0.223	0.267	0.771	0.134	0.090	0.054	0.990	2.16	1.65	MAX
MIN	0.071	0.066	0.081	0.047	0.019	0.023	0.009	0.007	0.007	0.018	0.148	0.026	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.196
MAXIMUM DAILY, 2.16 ON NOV 10
MINIMUM DAILY, 0.007 ON AUG 10
MAXIMUM INSTANTANEOUS,
5.31 AT 13:42 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 44 N
LONG 124 56 28 W
DRAINAGE AREA, 2.53 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	957	JUL	90.0
FEB	703	AUG	48.8
MAR	584	SEP	37.5
APR	220	OCT	835
MAY	140	NOV	1 370
JUN	443	DEC	759

TOTAL DISCHARGE, 6 190 dam³

CARNATION CREEK AT THE MOUTH - STATION NO. 08HB048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.903	1.11	0.363	0.194	0.173	0.945	0.274	0.025	0.090	0.026	0.410	1.31	1
2	0.343	7.95	0.338	0.178	0.157	0.673	0.170	0.025	0.061	0.036	0.329	0.656	2
3	1.32	8.16	0.357	0.165	0.137	6.51	0.137	0.027	0.041	2.17	1.42	19.5	3
4	2.80	2.60	0.464	0.143	0.119	2.51	0.108	0.023	0.034	9.00	0.686	8.66	4
5	4.76	5.28	0.394	0.130	0.105	0.999	0.149	0.021	0.031	0.893	0.453	2.56	5
6	2.60	1.76	1.09	0.121	0.100	0.531	0.409	0.020	0.029	0.374	0.346	1.24	6
7	3.98	1.55	0.802	0.118	0.091	1.07	0.212	0.021	0.027	0.249	0.599	0.588	7
8	2.62	1.10	0.591	0.113	0.083	0.913	0.159	0.021	0.027	0.169	1.03	2.72	8
9	3.22	4.93	4.15	0.099	0.077	0.685	0.127	0.020	0.026	1.28	9.77 A	1.45	9
10	1.73	10.2	3.91	0.088	0.070	2.50	0.103	0.020	0.024	0.865	24.4 A	0.688	10
11	0.786	6.20	1.10	0.096	0.065	2.21	0.090	0.019	0.023	0.735	13.5	0.517	11
12	0.397	1.23	0.578	0.136	0.064	0.627	0.088	0.019	0.024	1.35	6.37	0.540	12
13	0.803	0.577	0.877	0.141	0.070	0.187	0.076	0.020	0.023	0.487	4.48	0.503	13
14	1.30	0.420	2.33	0.175	0.075	0.292	0.062	0.020	0.023	0.447	4.14	1.70	14
15	0.602	0.388	0.946	0.136	0.067	0.236	0.060	0.020	0.023	0.506	2.31	3.53	15
16	0.452	0.343	0.617	0.117	0.060	0.197	0.060	0.133	0.030	0.326	2.58	0.803	16
17	0.294	0.281	0.756	0.182	0.056	0.164	0.051	0.137	0.040	0.554	2.30	2.13	17
18	0.233	0.249	0.655	0.168	0.053	0.139	0.044	0.063	0.039	0.734	0.691	1.19	18
19	0.188	0.240	0.501	0.244	0.050	0.128	0.044	0.043	0.030	0.374	0.856	0.444	19
20	0.163	0.694	0.806	0.366	0.061	0.125	0.041	0.036	0.026	0.296	0.629	0.345	20
21	0.345	0.807	0.656	0.235	0.088	0.108	0.040	0.031	0.026	2.80	1.82	0.303	21
22	3.19	0.578	0.453	0.361	0.679	0.093	0.037	0.029	0.024	0.611	4.56	0.280	22
23	1.95	0.652	0.419	0.327	0.404	0.086	0.038	0.025	0.023	0.484	21.6	0.258	23
24	3.84	0.960	0.422	0.248	0.232	0.077	0.036	0.024	0.023	1.69	3.38	0.246	24
25	4.44	0.693	0.260	0.609	0.160	0.074	0.034	0.023	0.022	9.78	0.799	0.244	25
26	1.37	0.469	0.232	0.544	0.131	0.068	0.033	0.023	0.021	1.59	0.526	0.237	26
27	3.19	0.383	0.214	0.424	0.141	0.063	0.032	0.023	0.021	2.99	0.507	0.261	27
28	3.31	0.369	0.211	0.370	0.181	0.073	0.033	0.023	0.021	3.04	1.74	0.255	28
29	2.19		0.207	0.264	0.145	0.252	0.028	0.022	0.020	3.15	7.93	0.237	29
30	1.87		0.209	0.210	0.152	0.426	0.029	0.029	0.021	1.86	1.07	0.272	30
31	0.870		0.201		1.03		0.026	0.125		0.612		5.41	31
TOTAL	56.059	60.173	25.009	6.702	5.076	23.161	2.830	1.110	0.893	49.478	121.231	59.077	TOTAL
MEAN	1.81	2.15	0.807	0.223	0.164	0.772	0.091	0.036	0.030	1.60	4.04	1.91	MEAN
MAX	4.76	10.2	4.15	0.609	1.03	6.51	0.409	0.137	0.090	9.78	24.4	19.5	MAX
MIN	0.163	0.240	0.201	0.088	0.050	0.063	0.026	0.019	0.020	0.026	0.329	0.237	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 24.4A ON NOV 10
MINIMUM DAILY, 0.019 ON AUG 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 56 N
LONG 124 59 52 W
DRAINAGE AREA, 10.1 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 840	JUL	245
FEB	5 200	AUG	95.9
MAR	2 160	SEP	77.2
APR	579	OCT	4 270
MAY	439	NOV	10 500
JUN	2 000	DEC	5 100

TOTAL DISCHARGE, 35 500 dam³

CARNEY CREEK BELOW PAMBRUN CREEK - STATION NO. 08NH131

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.777	0.627	0.600B	0.916	2.62	17.5	25.8	13.2	4.58	1.97	1.36	1.04	1
2	0.764	0.624	0.602B	1.28	2.57	13.6	19.5	11.7	4.08	2.11	1.14	1.05	2
3	0.744	0.622	0.605B	1.54	2.69	11.5	20.2	9.79	4.03	1.98	1.16E	1.01	3
4	0.756	0.621	0.610B	1.56	2.51	12.1	15.5	9.32	3.98	5.34	1.17E	1.00	4
5	0.763	0.613	0.617E	1.69	6.27	10.4	16.7	10.1	4.06	6.33	1.12E	0.983	5
6	0.752	0.607	0.620E	1.85	10.0	9.63	20.4	10.8	3.92	2.95	1.07E	0.956	6
7	0.747	0.597	0.616E	1.77	7.61	10.4	18.6	11.1	3.79	2.27	1.10E	0.951	7
8	0.756	0.595	0.608E	1.69	6.08	9.85	17.8	9.75	3.82	2.07	1.02E	0.897	8
9	0.751	0.575	0.596E	1.59	5.28	9.61	19.7	8.57	3.89	1.97	1.03E	0.902	9
10	0.774	0.596	0.565E	1.47	4.84	21.2	21.4	8.83	3.98	1.96	1.24E	0.881	10
11	0.730B	0.760B	0.510E	1.42	4.90	21.1	23.3	9.35	3.94	1.75	2.19E	0.902	11
12	0.702B	0.725B	0.488E	1.40	5.05	13.6	26.1	9.65	3.86	1.68	2.12E	0.738	12
13	0.725B	0.662B	0.485E	1.37	5.10	10.6	28.8	9.73	3.46	1.76	2.21A	0.732	13
14	0.758B	0.618B	0.490E	1.38	5.00	9.25	23.4	9.61	3.32	1.80	2.02	0.799	14
15	0.761	0.600B	0.496A	1.44	4.90	10.1	19.2	8.98	3.35	1.70	1.70	0.836	15
16	0.734	0.585B	0.497	1.64	4.94	11.9	19.2	7.82	3.80	1.56	1.54	0.798	16
17	0.678	0.580B	0.501	2.12	4.94	14.3	17.0	6.84	3.35	1.44	1.44	0.785	17
18	0.674	0.650B	0.504	2.61	5.07	15.7	14.0A	7.02	2.54	1.50	1.37	0.718E	18
19	0.681	0.755B	0.515	3.29	5.55	15.9	13.5	6.66	2.38	1.50	1.30	0.632E	19
20	0.689	0.800B	0.534	4.20	5.70	21.9	12.5	6.91	2.26	1.50	1.28	0.568E	20
21	0.683	0.812B	0.529	4.45	5.64	21.1	12.0	6.77	2.18	1.49	1.16	0.523E	21
22	0.686	0.815B	0.524	4.61	5.55	23.8	12.2	7.71	2.27	1.41	1.15	0.518E	22
23	0.689	0.784B	0.500B	4.99	7.11	30.0	12.2	8.40	2.45	1.31	1.26	0.570E	23
24	0.670	0.722B	0.475B	4.90	10.6	32.7	13.9	5.65	2.68	1.22	1.62	0.603E	24
25	0.669	0.690B	0.490B	4.41	13.6	32.4	17.7	5.57	2.75	1.27	1.49	0.622E	25
26	0.671	0.665B	0.510B	3.94	10.5	30.0	15.5	4.91	2.81	1.60	1.41	0.638E	26
27	0.664	0.640B	0.546	3.60	10.1	26.6	15.4	3.91	2.45	1.52	1.29	0.640E	27
28	0.658	0.624B	0.543	3.23	12.6	22.4	13.7	3.61	2.17	1.59	1.24	0.562E	28
29	0.654		0.567	2.83	18.6	21.2	13.4	3.88	2.11	1.51	1.25	0.540E	29
30	0.632		0.607	2.66	22.7	26.9	13.5	5.25	2.09	1.42	1.15	0.590E	30
31	0.628		0.702		19.2		14.5	4.88		1.43		0.618E	31
TOTAL	22.020	18.564	17.052	75.846	238.82	537.24	546.4	246.27	96.35	60.92	41.60	23.602	TOTAL
MEAN	0.710	0.663	0.550	2.53	7.70	17.9	17.6	7.94	3.21	1.97	1.39	0.761	MEAN
MAX	0.777	0.815	0.702	4.99	22.7	32.7	28.8	13.2	4.58	6.33	2.21	1.05	MAX
MIN	0.628	0.575	0.475	0.916	2.57	9.25	12.0	3.61	2.09	1.23	1.02	0.518	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.27
MAXIMUM DAILY, 32.7 ON JUN 24
MINIMUM DAILY, 0.475B ON MAR 24
MAXIMUM INSTANTANEOUS,
37.1 AT 22:40 MST ON JUN 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 30 N
LONG 116 34 31 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 900	JUL	47 200
FEB	1 600	AUG	21 300
MAR	1 470	SEP	8 320
APR	6 550	OCT	5 260
MAY	20 600	NOV	3 590
JUN	46 400	DEC	2 040

TOTAL DISCHARGE, 166 000 dam³

CAVEN CREEK BELOW BLOOM CREEK - STATION NO. 08NG078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.840B	0.666B	0.726B	2.97	5.98	19.5	5.47	1.85	1.24	0.792	1.28	1.87B	1
2	0.826B	0.680B	0.702B	4.60	6.12	17.7	5.22	1.84	1.13	0.859	0.996	1.77B	2
3	0.820B	0.745B	0.700B	6.30	6.28	16.1	5.14	1.83	1.09	0.848	0.904	1.80B	3
4	0.832B	0.834B	0.702B	6.10	7.19	19.8	4.53	1.67	1.11	0.993	0.872	1.82B	4
5	0.840B	0.800B	0.720B	5.81	9.31	18.5	4.18	1.72	1.09	1.51	0.918	1.79	5
6	0.860B	0.758B	0.740B	5.35	13.2	16.5	3.99	1.73	1.05	1.09	0.869	1.75	6
7	0.900B	0.750B	0.742B	5.24	11.9	17.8	3.80	1.63	1.02	0.950	0.851	1.78	7
8	0.942B	0.720B	0.758B	5.47	9.85	17.0	3.64	1.49	1.03	0.962	0.862	1.82B	8
9	0.980B	0.736B	0.756B	5.49	8.30	15.2	3.40	1.50	0.979	0.970	1.57	1.85B	9
10	1.03 B	0.780B	0.743B	4.81	7.42	15.2	3.20	1.54	0.994	1.29	3.22	1.87B	10
11	0.920B	0.878B	0.710B	4.38	7.07	14.8	3.04	1.56	1.00	1.12	2.54	1.80B	11
12	0.860B	0.900B	0.677B	4.48	7.96	13.9	2.91	1.43	0.937	1.03	1.95	1.69B	12
13	0.804B	0.780B	0.650	4.68	9.13	12.5	2.84	1.40	0.949	0.988	1.69	1.65B	13
14	0.858B	0.700B	0.643	5.07	9.32	11.4	2.70	1.37	0.996	0.947	1.75	1.67B	14
15	0.900B	0.690B	0.646	6.16	8.80	10.4	2.57	1.36	0.974	0.947	1.61	1.73B	15
16	0.930B	0.800B	0.647	6.69	8.47	11.2	2.44	1.30	0.958	1.09	1.44	1.72B	16
17	0.900B	0.800B	0.653	7.32	8.18	12.2	2.29	1.29	0.951	0.981	1.33	1.61B	17
18	0.840B	0.770B	0.681	8.00	8.69	11.8	2.16	1.29	0.919	1.03	1.22	1.49B	18
19	0.860B	0.760B	0.740	9.37	8.57	11.3	2.12	1.44	0.873	0.991	1.13	1.38B	19
20	0.855B	0.800B	0.963	10.9	8.57	11.1	2.07	1.41	0.908	0.924	1.10	1.22B	20
21	0.870B	0.850B	1.05 E	11.5	8.55	10.5	2.01	1.64	0.910	0.938	1.03	1.18B	21
22	0.920B	0.855B	1.13 E	12.7	8.10	9.97	2.04	1.55	0.887	0.992	1.26	1.19B	22
23	0.976B	0.851B	1.28 E	12.8	9.83	9.73	2.16	1.47	0.866	1.02	1.74	1.26B	23
24	0.900B	0.850B	1.30 E	12.4	12.8	9.34	2.28	1.36	0.866	0.952	3.35	1.33B	24
25	0.898B	0.847B	1.29 E	11.2	18.3	8.74	3.00	1.41	0.852	0.932	6.38	1.37B	25
26	0.900B	0.830B	1.27 A	9.42	17.6	8.14	3.23	1.39	0.871	1.04	3.91	1.38B	26
27	0.820B	0.790B	1.07	8.32	15.2	7.48	2.83	1.25	0.828	1.03	3.43	1.34B	27
28	0.765B	0.768B	1.10	7.91	14.8	6.85	2.37	1.26	0.818	0.987	3.00 B	1.27B	28
29	0.828B		1.19	6.77	15.9	6.28	2.20	1.16	0.855	0.946	2.56 B	1.17B	29
30	0.800B		1.41	6.14	17.3	5.82	2.04	1.18	0.816	0.934	2.27	1.17B	30
31	0.720B		1.93		16.5		1.93	1.28		1.43		1.26B	31
TOTAL	26.994	21.988	28.321	218.35	325.19	376.45	93.80	45.60	28.767	31.513	57.032	48.00	TOTAL
MEAN	0.871	0.785	0.914	7.28	10.5	12.5	3.03	1.47	0.959	1.02	1.90	1.55	MEAN
MAX	1.03	0.900	1.93	12.8	18.3	19.6	5.47	1.85	1.24	1.51	6.38	1.87	MAX
MIN	0.720	0.666	0.643	2.97	5.98	5.82	1.93	1.16	0.816	0.792	0.851	1.17	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.57
MAXIMUM DAILY, 19.6 ON JUN 04
MINIMUM DAILY, 0.643 ON MAR 14
MAXIMUM INSTANTANEOUS,
20.8 AT 13:46 MST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 18 N
LONG 115 26 11 W
DRAINAGE AREA, 313 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 330	JUL	8 100
FEB	1 900	AUG	3 940
MAR	2 450	SEP	2 490
APR	18 900	OCT	2 720
MAY	28 100	NOV	4 930
JUN	32 500	DEC	4 150

TOTAL DISCHARGE, 113 000 dam³

CAYOOSH CREEK NEAR LILLOOET - STATION NO. 08ME002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.11	4.00B	4.00	5.51	12.9	34.7	47.3	18.5	1.37	0.700	1.72	8.27	1
2	5.16	4.35B	3.93	6.12	13.1	33.1	43.7	17.5	1.32	0.789	1.57	7.83	2
3	5.47	4.70B	3.94	6.78	14.2	35.4	39.0	16.2	1.24	1.14	1.55	7.53	3
4	5.33	4.50B	3.97	7.07	15.4	37.9	35.2	10.5	1.18	1.42	1.46	7.88	4
5	5.49	4.67A	3.98	7.54	19.1	34.4	33.7	5.35	1.10	1.81	1.42	7.51	5
6	5.69	4.57A	3.95	8.22	26.7	32.1	39.6	4.50	1.01	1.68	1.33	7.19	6
7	5.96	4.42A	4.02	9.31	26.8	31.4	51.9	4.33	0.943	1.53	1.33	6.96	7
8	5.82	4.38A	4.04	10.3	23.7	30.0	51.5	4.11	0.933	1.43	1.26	6.91	8
9	5.94	4.55E	3.99	10.4	21.4	28.9	51.6	4.19	0.917	1.37	1.24	6.86	9
10	5.72	4.75E	4.02	10.1	21.2	32.0	50.1	4.22	0.925	1.31	1.35	6.87	10
11	5.18	4.55E	3.96	10.1	21.8	32.0	51.9	4.05	0.902	1.27	24.3	6.46	11
12	5.67	4.29A	3.79	10.4	23.6	29.5	57.3	4.05	0.901	1.22	50.2	6.21	12
13	5.46	3.97	3.80	10.7	24.5	27.3	57.2	3.90	0.859	1.16	61.4	5.73	13
14	5.33	3.81	3.74	10.9	23.9	28.1	50.5	3.82	0.852	1.16	48.3	5.53	14
15	5.15	4.34	3.68	11.8	23.0	34.4	45.0	3.54	0.801	1.12	37.0	5.61	15
16	5.00	4.10B	3.68	12.8	22.7	44.7	43.0	3.24	1.55	1.08	30.4	5.49	16
17	4.42	3.65B	3.80	15.1	22.7	51.6	37.8	3.03	1.85	1.03	26.1	5.29	17
18	4.30	3.50B	3.93	17.5	23.5	56.4	33.1	2.88	1.60	1.03	21.3	5.07	18
19	4.32	3.94A	3.98	16.5	24.3	55.3	29.8	2.77	1.44	1.01	19.0	4.60	19
20	4.45	5.05A	4.05	17.2	25.8	57.7	27.6	2.74	1.30	0.991	14.3	4.97	20
21	5.02	4.67A	4.16	18.5	25.1	62.5	26.3	2.73	1.17	1.00	9.28	5.56	21
22	4.84	4.34A	4.21	18.3	25.1	74.1	25.8	2.90	1.14	0.942	8.74	5.75	22
23	4.61	4.08A	4.10	17.8	25.2	83.2	26.5	2.82	1.08	0.922	12.1	5.01	23
24	4.50	4.20E	3.95	18.3	24.6	78.0	26.8	2.63	1.01	0.918	18.8	5.99	24
25	4.67	4.30E	4.23	17.6	24.3	71.9	26.7	2.51	0.993	3.68	16.2	5.50	25
26	4.49	4.10E	4.24	16.4	25.2	61.6	26.0	2.32	0.945	22.4	12.5	4.98	26
27	4.57	3.78A	4.22	15.2	27.1	55.9	25.2	1.48	0.918	8.72	10.9	4.85	27
28	4.52	4.08	4.29	14.5	35.7	51.1	23.3	1.02	0.870	6.40	9.67	4.56	28
29	4.48		4.44	13.3	42.7	47.6	21.5	1.10	0.778	5.33	9.47	4.93	29
30	4.42		4.74	12.5	47.7	46.0	20.0	1.23	0.739	3.15	8.78	4.70	30
31	4.21A		5.15		44.2		18.8	1.41		1.98		4.82	31
TOTAL	155.30	119.64	125.98	376.75	776.8	1 378.8	1 143.5	145.57	32.586	79.692	462.97	185.42	TOTAL
MEAN	5.01	4.27	4.06	12.6	25.1	46.0	36.9	4.70	1.09	2.57	15.4	5.98	MEAN
MAX	5.96	5.05	5.15	18.5	47.7	83.2	57.3	18.5	1.85	22.4	61.4	8.27	MAX
MIN	4.21	3.50	3.68	5.51	12.9	27.3	18.8	1.02	0.739	0.700	1.24	4.56	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 83.2 ON JUN 23
MINIMUM DAILY, 0.700 ON OCT 01
MAXIMUM INSTANTANEOUS,
88.0 AT 04:29 PST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 10 N
LONG 121 57 50 W
DRAINAGE AREA, 878 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1979

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 400	JUL	98 800
FEB	10 300	AUG	12 600
MAR	10 900	SEP	2 820
APR	32 600	OCT	6 890
MAY	67 100	NOV	40 000
JUN	119 000	DEC	16 000

TOTAL DISCHARGE, 430 000 dam³

CHARLIE LAKE NEAR FORT ST. JOHN - STATION NO. 07FC005

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.078	2.080	2.080	2.276	2.462	2.598	2.479	2.307	2.156	2.048	2.026	2.053	1
2	2.074	2.082	2.080	2.306	2.464	2.591	2.468	2.297	2.152	2.046	2.023	2.053	2
3	2.073	2.086	2.078	2.339	2.467	2.583	2.465	2.291	2.149	2.043	2.027	2.053	3
4	2.075	2.084	2.077	2.348	2.469	2.573	2.453	2.283	2.143	2.043	2.030	2.054	4
5	2.079	2.085	2.077	2.357	2.469	2.564	2.444	2.275	2.143	2.045	2.026	2.052	5
6	2.080	2.085	2.076	2.369	2.466	2.554	2.436	2.265	2.140	2.040	2.022	2.052	6
7	2.078	2.083	2.078	2.377	2.475	2.548	2.424	2.260	2.138	2.036	2.026	2.051	7
8	2.077	2.084	2.086	2.378	2.468	2.537	2.415	2.254	2.136	2.030	2.029	2.049	8
9	2.078	2.084	2.086	2.376	2.470	2.527	2.409	2.250	2.132	2.035	2.028	2.048	9
10	2.078	2.082	2.087	2.372	2.469	2.527	2.401	2.247	2.130	2.037	2.030	2.049	10
11	2.077	2.094	2.089	2.370	2.478	2.561	2.391	2.243	2.126	2.029	2.032	2.049	11
12	2.075	2.098	2.088	2.367	2.482	2.653	2.384	2.239	2.124	2.033	2.039	2.046	12
13	2.075	2.097	2.086	2.364	2.485	2.722	2.377	2.235	2.120	2.033	2.047	2.045	13
14	2.076	2.097	2.084	2.363	2.491	2.739	2.367	2.230	2.115	2.029	2.047	2.047	14
15	2.073	2.101	2.083	2.365	2.494	2.731	2.358	2.228	2.111	2.027	2.046	2.049	15
16	2.072	2.099	2.083	2.367	2.495	2.712	2.362	2.223	2.111	2.027	2.045	2.050	16
17	2.071	2.097	2.084	2.366	2.495	2.693	2.373	2.219	2.107	2.025	2.043	2.062	17
18	2.071	2.096	2.086	2.370	2.494	2.671	2.374	2.215	2.101	2.027	2.043	2.063	18
19	2.071	2.092	2.098	2.376	2.497	2.649	2.368	2.211	2.097	2.027	2.049	2.061	19
20	2.068	2.091	2.105	2.383	2.493	2.630	2.362	2.207	2.096	2.024	2.047	2.060	20
21	2.068	2.089	2.107	2.388	2.490	2.607	2.356	2.203	2.092	2.027	2.047	2.060	21
22	2.068	2.089	2.106	2.392	2.483	2.586	2.354	2.208	2.090	2.026	2.049	2.060	22
23	2.068	2.090	2.105	2.397	2.480	2.567	2.354	2.202	2.086	2.023	2.049	2.060	23
24	2.067	2.087	2.106	2.408	2.474	2.546	2.349	2.192	2.078	2.021	2.050	2.061	24
25	2.078	2.085	2.104	2.432	2.500	2.530	2.345	2.189	2.076	2.022	2.048	2.060	25
26	2.080	2.085	2.104	2.450	2.562	2.520	2.341	2.182	2.069	2.021	2.046	2.060	26
27	2.081	2.081	2.103	2.458	2.597	2.511	2.338	2.175	2.066	2.024	2.045	2.063	27
28	2.081	2.079	2.110	2.462	2.605	2.494	2.329	2.170	2.059	2.026	2.043	2.061	28
29	2.080		2.157	2.461	2.603	2.485	2.323	2.167	2.055	2.025	2.054	2.061	29
30	2.080		2.216	2.462	2.590	2.482	2.319	2.165	2.050	2.028	2.053	2.061	30
31	2.080		2.250		2.597		2.317	2.164		2.029		2.061	31
MEAN	2.075	2.089	2.102	2.383	2.502	2.590	2.382	2.226	2.108	2.031	2.040	2.055	MEAN
MAX	2.081	2.101	2.250	2.462	2.605	2.739	2.479	2.307	2.156	2.048	2.054	2.063	MAX
MIN	2.067	2.079	2.076	2.276	2.462	2.482	2.317	2.164	2.050	2.021	2.022	2.045	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 2.216
MAXIMUM DAILY, 2.739 ON JUN 14
MINIMUM DAILY, 2.021 ON OCT 24
MAXIMUM INSTANTANEOUS,
2.741 AT 07:05 PST ON JUN 14

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 50 N
LONG 120 57 25 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

CHATAWAY CREEK NEAR THE MOUTH - STATION NO. 08LG066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.006B	0 B	0.015B	0.042B	0.154	0.558	0.123	0.021	0.013	0.003	0.003	0.003B	1
2	0.005B	0 B	0.016B	0.044B	0.156	0.486	0.159	0.020	0.010	0.003	0.002	0.003B	2
3	0.004B	0 B	0.017B	0.045B	0.157	0.446	0.161	0.017	0.010	0.003	0.003	0.003B	3
4	0.004B	0.001B	0.018B	0.046B	0.153	0.405	0.135	0.014	0.008	0.004	0.003	0.004B	4
5	0.005B	0.001B	0.020B	0.047B	0.147	0.333	0.128	0.013	0.007	0.005	0.003	0.004B	5
6	0.005B	0.001B	0.021B	0.048B	0.134	0.292	0.178	0.012	0.007	0.005	0.003	0.004B	6
7	0.005B	0 B	0.021B	0.047B	0.127	0.299	0.228	0.010	0.006	0.003	0.003	0.004B	7
8	0.006B	0 B	0.021B	0.046B	0.124	0.265	0.192	0.009	0.005	0.004	0.003	0.004B	8
9	0.006B	0 B	0.019B	0.044B	0.143	0.280	0.157	0.008	0.005	0.004	0.002	0.003B	9
10	0.003B	0.001B	0.019B	0.043B	0.136	0.503	0.134	0.007	0.005	0.005	0.006	0.003B	10
11	0.003B	0.002B	0.020B	0.042A	0.152	0.574	0.117	0.006	0.005	0.004	0.011	0.003B	11
12	0.003B	0.002B	0.022B	0.069	0.175	0.615	0.104	0.005	0.004	0.005	0.011	0.003B	12
13	0.003B	0.001B	0.023B	0.079	0.166	0.612	0.091	0.005	0.006	0.004	0.009	0.003B	13
14	0.004B	0 B	0.024B	0.087	0.171	0.549	0.081	0.005	0.006	0.004	0.008	0.003B	14
15	0.004B	0 B	0.026B	0.092	0.166	0.473	0.071	0.004	0.006	0.004	0.005	0.003B	15
16	0.003B	0 B	0.027B	0.101B	0.155	0.600	0.065	0.003	0.006	0.004	0.005	0.002B	16
17	0.003B	0 B	0.028B	0.113B	0.162	0.752	0.060	0.003	0.006	0.004	0.005	0.002B	17
18	0.002B	0 B	0.030B	0.118B	0.218	0.605	0.054	0.006	0.005	0.003	0.003	0.001B	18
19	0.002B	0.001B	0.032B	0.133B	0.251	0.608	0.051	0.008	0.005	0.004	0.004	0.001B	19
20	0.002B	0.005B	0.033B	0.143B	0.244	0.565	0.044	0.005	0.004	0.004	0.005A	0 B	20
21	0.002B	0.009B	0.035B	0.137	0.240	0.488	0.040	0.007	0.005	0.004	0.006B	0 B	21
22	0.002B	0.012B	0.036B	0.135	0.219	0.409	0.035	0.010	0.004	0.004	0.006B	0 B	22
23	0.003B	0.012B	0.036B	0.168	0.209	0.343	0.031	0.007	0.003	0.004	0.005B	0 B	23
24	0.003B	0.013B	0.033B	0.195	0.263	0.276	0.044	0.013	0.003	0.004	0.004B	0 B	24
25	0.003B	0.014B	0.033B	0.182	0.415	0.247	0.049	0.019	0.003	0.004	0.003B	0 B	25
26	0.003B	0.015B	0.033B	0.185	0.504	0.223	0.042	0.017	0.003	0.005	0.002B	0 B	26
27	0.003B	0.016B	0.034B	0.182	0.472	0.200	0.033	0.015	0.003	0.004	0.002B	0 B	27
28	0.002B	0.015B	0.036B	0.174	0.524	0.175	0.029	0.011	0.003	0.004	0.002B	0 B	28
29	0.002B		0.037B	0.160	0.623	0.157	0.025	0.010	0.003	0.004	0.002B	0 B	29
30	0.001B		0.039B	0.150	0.559	0.139	0.026	0.012	0.003	0.005	0.003B	0 B	30
31	0 B		0.040B		0.532		0.025	0.014		0.004		0 B	31
TOTAL	0.102	0.121	0.844	3.097	7.854	12.477	2.712	0.316	0.162	0.125	0.132	0.056	TOTAL
MEAN	0.003	0.004	0.027	0.103	0.253	0.416	0.088	0.010	0.005	0.004	0.004	0.002	MEAN
MAX	0.006	0.016	0.040	0.195	0.623	0.752	0.228	0.021	0.013	0.005	0.011	0.004	MAX
MIN	0	0	0.015	0.042	0.124	0.139	0.025	0.003	0.003	0.003	0.002	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 0.752 ON JUN 17
MINIMUM DAILY, 0B ON JAN 31
MAXIMUM INSTANTANEOUS,
0.894 AT 23:23 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 52 N
LONG 120 55 23 W
DRAINAGE AREA, 32.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8.81	JUL	234
FEB	10.5	AUG	27.3
MAR	72.9	SEP	14.0
APR	268	OCT	10.8
MAY	679	NOV	11.4
JUN	1 080	DEC	4.84

TOTAL DISCHARGE, 2 420 dam³

CHEAKAMUS RIVER ABOVE MILLAR CREEK - STATION NO. 08GA072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.83	3.60B	2.78B	5.70	9.76	27.4	51.1	52.3	29.2	16.3	15.5	10.1	1
2	4.60	3.55B	2.85B	6.60	9.88	23.4	44.8	46.9	24.5	14.2	13.3	10.5	2
3	4.32	3.52B	2.92B	8.88	10.5	33.0	41.9	42.8	21.7	12.8	11.7	10.3	3
4	4.60	3.48B	3.00B	7.02	12.2	38.4	37.5	44.1	20.9	30.9	11.0	12.4	4
5	4.54	3.44B	3.10B	7.36	16.1	32.1	39.4	48.5	20.4	29.5	10.1	10.5	5
6	5.19	3.42B	3.24	7.96	20.2	27.8	45.8	51.2	20.9	21.7	9.37	9.44	6
7	5.27	3.45B	3.38	8.98	19.4	26.7	52.4	47.7	21.8	17.1	8.85	8.67	7
8	5.68	3.50B	3.45	9.38	17.4	25.0	51.8	43.5	24.5	13.9	8.31	8.93	8
9	5.77	3.52B	3.47	9.68	16.1	25.1	51.8	44.3	26.7	12.8	9.93	8.75	9
10	5.65	3.45B	3.50	9.38	16.0	28.2	50.9	47.7	25.3	12.0	33.5	8.10	10
11	5.41	3.35B	3.40	9.52	16.5	27.6	53.0	52.8	23.7	10.5	113	7.14	11
12	5.37	3.20B	3.34A	10.1	17.5	24.8	62.4	55.5	24.0	9.61	111	6.80B	12
13	5.22	3.05B	3.32E	10.3	17.6	22.7	67.2	57.8	22.7	8.97	92.3	6.50B	13
14	4.95B	2.90B	3.33E	10.4	17.2	23.5	63.4	52.1	21.6	8.11	60.1	6.40B	14
15	4.70B	2.75B	3.35A	11.0	16.8	29.1	62.0	43.5	20.9	7.33	38.1 E	6.25B	15
16	4.55B	2.65B	3.37	11.9	16.8	33.8	59.4	37.0	21.8	6.85	28.5 E	6.05B	16
17	4.40B	2.55B	3.56	14.1	16.9	34.3	53.3	32.6	21.2	6.50	23.1 A	5.90B	17
18	4.35B	2.52B	3.95	15.8	16.8	37.6	48.4	31.7	20.1	6.51	18.9	5.85B	18
19	4.25B	2.50B	4.05	16.3	17.3	39.6	45.2	33.5	18.4	6.31	15.7	5.80B	19
20	4.15B	2.55B	4.22	17.1	17.3	42.3	45.0	36.4	17.9	5.89	13.6	5.80B	20
21	4.10B	2.60B	4.36	17.2	17.0	45.3	45.7	40.6	18.4	5.80	12.0	5.81B	21
22	4.00B	2.58B	4.32	16.8	19.2	54.8	46.9	43.4	21.1	5.63	10.9	5.82B	22
23	3.90B	2.56B	4.41	16.1	20.6	66.0	48.6	37.1	23.2	5.42	34.3	5.83B	23
24	3.85B	2.56B	4.37	15.9	19.2	66.2	47.6	26.3	24.7	7.53	31.5	5.84B	24
25	3.75B	2.60B	3.85	15.2	18.0	58.2	45.6	23.1	24.8	48.9	21.7	5.85B	25
26	3.70B	2.63B	3.91	14.0	16.8	51.4	47.4	19.5	24.4	54.1	18.7	5.80B	26
27	3.65B	2.66B	3.95	12.8	17.2	45.1	47.7	18.2	23.0	37.2	15.9	5.75B	27
28	3.63B	2.70B	3.96	11.8	22.0	42.7	48.1	18.8	21.3	34.7	13.2	5.65B	28
29	3.60B		4.22	10.8	27.5	42.9	49.5	20.4	21.2	25.7	12.7	5.50B	29
30	3.62B		4.56	10.0	30.5	47.7	50.5	25.3	19.0	21.9	10.5	5.30B	30
31	3.64B		5.00		31.4		53.1	32.1		18.3		5.35B	31
TOTAL	139.44	83.84	114.49	346.06	557.64	1 122.7	1 557.4	1 208.7	669.3	522.96	826.96	222.68	TOTAL
MEAN	4.50	2.99	3.69	11.5	18.0	37.4	50.2	39.0	22.3	16.9	27.6	7.18	MEAN
MAX	5.77	3.60	5.00	17.2	31.4	66.2	67.2	57.8	29.2	54.1	113	12.4	MAX
MIN	3.60	2.50	2.78	5.70	9.76	22.7	37.5	18.2	17.9	5.42	8.31	5.30	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.2
MAXIMUM DAILY, 113 ON NOV 11
MINIMUM DAILY, 2.50B ON FEB 19
MAXIMUM INSTANTANEOUS,
145 AT 17:57 PST ON NOV 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 48 N
LONG 123 02 02 W
DRAINAGE AREA, 285 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 000	JUL	135 000
FEB	7 240	AUG	104 000
MAR	9 890	SEP	57 800
APR	29 900	OCT	45 200
MAY	48 200	NOV	71 400
JUN	97 000	DEC	19 200

TOTAL DISCHARGE, 637 000 dam³

CHEAKAMUS RIVER NEAR BRACKENDALE - STATION NO. 08GA043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	9.37	10.4	14.4	10.9	13.1	53.9	29.0	---	10.3	15.7	19.3	1
2	9.36	10.4	10.2	15.9	11.3	12.3	40.1	20.6	---	10.0	13.7	17.0	2
3	9.24	28.0	9.94	15.0	12.0	28.1	33.9	13.7	---	10.4	13.1	21.7	3
4	9.40	17.0	10.0	13.4	13.6	24.6	27.3	14.6	12.6A	27.6	12.8	51.7	4
5	13.9	15.8	11.0	13.2	17.2	17.2	27.3	20.3	12.5	14.8	12.7	27.8	5
6	20.9	13.9	14.2	13.6	16.9	16.5	47.9	26.5	12.6	11.2	12.2	22.3	6
7	30.4	12.3	17.0	14.3	12.8	19.4	54.4	20.1	12.8	10.3	13.3	19.2	7
8	21.3	11.1	15.3	14.3	11.8	16.7	45.0	14.1	13.6	9.98	14.7	27.2	8
9	18.9	10.6	12.4	12.5	12.0	17.3	45.2	14.6	13.4	11.9	25.4	25.9	9
10	17.6	13.0	12.9	11.7	13.2	23.8	51.0	17.3A	12.7	12.3	149	23.2	10
11	13.8	26.6	12.1	12.1	13.6	19.6	45.4	---	12.6	10.8	547	19.3	11
12	12.4	16.9	10.8	12.0	13.8	17.0	66.8	---	12.4	13.1	487	17.1	12
13	11.8	13.1	10.3	12.2	14.1	15.7	65.3	---	11.8	12.6	372	15.7	13
14	11.9	11.5 B	10.1	12.2	12.5	17.2	49.8	---	11.9	10.8	105	14.9	14
15	11.8	10.6 B	10.1	13.3	12.6	18.9	56.1	---	11.8	10.1	48.1	15.1	15
16	11.4	9.60B	10.4	15.9	12.7	50.8	51.3	---	13.0	9.84	41.4	14.1	16
17	10.8	8.90B	12.7	19.3	12.4	26.7	39.2	---	11.9	10.0	50.6	13.5	17
18	10.3	8.60B	15.7	17.5	12.2	46.2	29.0	---	11.4	13.7	32.4	13.2 A	18
19	10.0	8.25B	15.4	15.5	12.4	45.7	23.5	---	11.2	12.6	16.1	12.1 B	19
20	9.77	7.90B	15.6	17.0	12.5	43.8	17.6	---	11.2	10.7	14.0	11.4 B	20
21	9.65	7.70B	15.6	17.0	12.6	54.5	15.0	---	11.6	12.6	12.8	10.7 B	21
22	10.1	7.55B	13.6	15.5	18.1	72.1	15.1	---	12.4	12.1	41.1	10.0 B	22
23	10.9	7.50B	12.1	14.6	15.6	90.2	27.1	---	12.6	10.9	276	9.60B	23
24	10.4	9.55	11.0	15.1	12.9	86.2	25.4	---	12.2	17.5	143	9.10B	24
25	13.6	10.5	10.3	13.9	12.4	60.1	22.0	---	12.2	239	50.0	8.85B	25
26	12.9	11.0	10.1	13.1	11.9	55.3	24.5	---	12.2	186	26.9	8.60B	26
27	11.5	10.7	10.2	12.4	13.2	41.6	25.2	---	11.5	55.9	20.2	8.30B	27
28	10.8	10.6	10.7	11.7	16.2	40.3	25.3	---	11.4	30.5	18.6	8.25B	28
29	10.3		11.7	11.1	16.7	33.3	26.2	---	11.7	22.6	31.8	8.55B	29
30	10.0		12.5	10.7	15.8	48.1	20.9	---	10.6	21.0	23.7	8.50B	30
31	9.54		13.7		15.3		28.8	---		20.7		8.40B	31
TOTAL	394.86	338.52	378.04	423.2	421.5	1 072.3	1 125.5	---	---	881.82	2 640.3	500.55	TOTAL
MEAN	12.7	12.1	12.2	14.1	13.6	35.7	36.3	---	---	28.4	88.0	16.1	MEAN
MAX	30.4	28.0	17.0	19.3	18.1	90.2	66.8	---	---	239	547	51.7	MAX
MIN	9.24	7.50	9.94	10.7	10.9	12.3	15.0	---	---	9.84	12.2	8.25	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 547 ON NOV 11

MAXIMUM INSTANTANEOUS,
613 AT 17:30 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 00 N
LONG 123 08 54 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 100	JUL	97 200
FEB	29 200	AUG	---
MAR	32 700	SEP	---
APR	36 600	OCT	76 200
MAY	36 400	NOV	228 000
JUN	92 600	DEC	43 200

CHEHALIS RIVER NEAR HARRISON MILLS - STATION NO. 08MG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.7	16.4	23.1	45.8	30.2	39.8	23.2	8.81	20.9	4.80	46.8E	39.3E	1
2	21.4	23.4	23.0	52.9	30.0	36.1	27.8	8.78	16.4	5.41	28.0E	34.4E	2
3	19.1	51.8	23.3	49.4	34.1	70.6	35.9	8.47	13.3	22.4	47.0E	30.6E	3
4	27.5	30.2	24.4	47.4	45.6	85.5	28.5	7.99	11.3	278	59.0E	70.0E	4
5	61.9	28.0	26.0	49.4	62.1	60.9	24.7	7.78	9.53	127	50.7E	57.9E	5
6	68.8	24.0	40.7	52.1	56.9	50.4	38.8	7.33	8.15	64.2	42.2E	47.0E	6
7	111	21.1	58.0	55.3	45.7	61.2	45.2	7.07	7.29	39.2	63.0E	39.7E	7
8	78.9	18.6	47.2	52.7	37.8	50.3	34.3	6.56	6.70	28.6	91.1E	49.2E	8
9	90.9	23.1	37.1	45.5	34.4	46.5	29.3	6.40	6.33	32.2	463 E	64.5E	9
10	63.8	115	41.3	40.3	36.3	55.5	26.1	6.37	5.84	38.7	545 E	55.0E	10
11	43.4	183	33.1	44.5	38.7	79.0	24.2	6.18	5.23	28.0	350 A	44.0E	11
12	34.2	73.9	27.1	52.1	37.1	68.9	23.5	6.49	4.83	76.3	188	37.3E	12
13	32.9	49.3	24.0	46.3	36.9	57.3	22.9	5.79	4.86	75.6	267	33.3E	13
14	32.6	37.0	23.1	46.9	35.3	50.2	21.2	5.79	4.66	46.0	138	31.0E	14
15	30.1	30.9	22.0	56.1	34.9A	48.3	19.8	5.67	4.80	35.6	97.0	28.2E	15
16	26.8	25.5	22.1	68.0	28.0E	44.7	18.5	5.51	10.4	29.2	77.3	26.8E	16
17	23.3	21.6	30.0	71.3	27.7E	38.8	17.6	5.38	10.2	25.3	104	32.8E	17
18	20.6	19.2	55.6	64.4	27.4E	36.4	15.8	5.83	8.07	51.3	70.1	27.0E	18
19	18.4	17.3	51.7	57.0	28.8E	35.4	14.5	5.88	7.11	44.1	56.3	23.3A	19
20	17.1	17.9	69.0	75.4	34.8E	34.9	13.6	5.32	6.42	32.2	46.7	19.8	20
21	17.1	19.3	62.2	62.7	36.9E	34.9	13.1	5.04	6.00	55.6	43.5	18.4	21
22	15.8	18.0	48.4	54.3	32.8E	37.0	12.6	6.82	5.56	46.7	119	17.5	22
23	14.8	17.3	38.2	54.8	32.3E	36.9	12.1	6.63	5.24	35.9	489 A	15.8	23
24	14.3	22.1	32.0	58.0	29.6E	34.2	11.7	5.62	5.08	29.4	245 E	15.1	24
25	32.5	26.8	28.0	54.4	28.1E	31.1	11.1	8.10	4.87	27.6 A	130 E	14.2	25
26	25.4	25.0	25.5	61.8	27.0E	28.3	10.5	6.70	4.75	98.0 E	97.7E	13.5	26
27	21.5	23.1	24.8	45.3	32.0E	25.3	10.1	5.55	4.70	56.1 E	81.0E	15.0	27
28	22.1	23.1	27.0	38.8	39.2A	24.6	9.79	5.21	4.31	70.0 E	69.1E	12.2	28
29	24.9		30.3	34.5	41.0	24.5	9.57	5.03	4.07	69.2 E	60.0E	11.7	29
30	20.1		33.7	31.3	37.7	23.8	9.12	10.9	4.09	140 E	55.5E	11.6	30
31	17.2		39.4		41.5		8.96	43.2		79.3 E		18.3	31
TOTAL	1 109.4	1 002.2	1 091.3	1 568.7	1 121.0	1 351.3	624.04	241.94	220.99	1 791.91	4 220.0	954.4	TOTAL
MEAN	35.8	35.8	35.2	52.3	36.2	45.0	20.1	7.80	7.37	57.8	141	30.8	MEAN
MAX	111	183	69.0	75.4	62.1	85.5	45.2	43.2	20.9	278	545	70.0	MAX
MIN	17.1	16.4	22.0	31.3	27.0	23.8	8.96	5.03	4.07	4.80	28.0	11.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.9
MAXIMUM DAILY, 545E ON NOV 10
MINIMUM DAILY, 4.07 ON SEP 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 05 N
LONG 121 56 12 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95 900	JUL	53 900
FEB	86 600	AUG	20 900
MAR	94 300	SEP	19 100
APR	136 000	OCT	155 000
MAY	96 900	NOV	365 000
JUN	117 000	DEC	82 500

TOTAL DISCHARGE, 1 320 000 dam³

CHEMAINUS RIVER NEAR WESTHOLME - STATION NO. 08HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3	18.0	16.3	29.1	12.0	21.8	3.30	0.618	0.929	0.312	22.3	40.0	1
2	10.3	20.7	16.2	29.9	11.9	16.4	2.89	0.610	0.851	0.336	16.6	29.6	2
3	9.44	99.0	15.9	27.0	11.9	27.5	2.63	0.590	0.732	0.459	19.7	123	3
4	11.7	49.8	17.7	24.8	14.0	26.6	2.46	0.571	0.645	7.59	23.8	262	4
5	32.6	42.0	20.3	23.8	15.2	20.4	2.31	0.546	0.586	6.43	18.8	89.3	5
6	74.6	30.7	24.7	23.6	13.3	16.0	2.34	0.524	0.537	3.43	14.1	54.6	6
7	131	23.8	32.3	23.8	9.67	14.1	2.20	0.500	0.496	2.38	14.3	40.2	7
8	69.0	19.3	28.6	23.6	7.98	14.5	2.05	0.483	0.471	1.88	15.1	49.5	8
9	67.0	17.5	26.3	19.0	7.34	15.2	1.87	0.469	0.467	1.61	110	66.5	9
10	49.6	32.8	34.5	16.7	7.16	15.5	1.71	0.455	0.451	2.45	225	52.9	10
11	33.3	69.9	25.3	18.9	7.02	14.7	1.62	0.439	0.423	2.36	208	37.5	11
12	26.2	44.7	19.7	22.2	6.60	12.5	1.51	0.417	0.416	4.12	98.0	30.1	12
13	23.9	30.6	16.9	21.1	6.21	11.6	1.40	0.397	0.404	5.19	126	24.8	13
14	23.0	23.2	16.9	23.6	6.25	9.65	1.30	0.385	0.386	4.48	67.3	22.4	14
15	20.7	20.1	17.1	23.4	5.94	8.13	1.22	0.378	0.365	4.94	51.7	28.3	15
16	20.7	16.7	16.8	28.3	5.32	7.20	1.15	0.405	0.450	4.47	57.0	25.3	16
17	18.3	14.1	22.1	30.2	5.51	6.50	1.09	0.485	0.438	3.79	61.0	25.0	17
18	16.0	12.1	40.6	27.9	5.65	5.84	1.04	0.468	0.436	7.76	39.2	32.6	18
19	13.8	11.0	38.4	24.0	5.50	5.16	1.00	0.485	0.424	8.41	29.9	24.7	19
20	11.9	10.8	39.7	26.7	5.17	4.86	0.950	0.453	0.413	5.89	24.0	20.4	20
21	11.2	10.4	39.8	22.2	4.98	4.58	0.899	0.435	0.388	16.5	21.2	17.9 B	21
22	10.7	10.0	33.0	19.1	6.55	4.20	0.865	0.437	0.369	13.0	56.1	14.4 B	22
23	18.6	9.85	28.6	30.9	6.42	3.82	0.812	0.421	0.359	9.78	265	12.9	23
24	16.4	12.2	22.9	30.6	6.60	3.49	0.794	0.393	0.352	7.60	146	11.3	24
25	29.2	17.8	19.5	25.5	5.42	3.16	0.836	0.433	0.343	58.7	64.0	9.98	25
26	27.2	18.4	16.9	23.3	4.81	2.94	0.834	0.452	0.351	50.2	41.8	9.06	26
27	23.6	17.4	16.7	19.4	4.84	2.79	0.804	0.433	0.340	29.4	31.3	9.23	27
28	27.7	16.5	19.3	17.4	5.60	2.97	0.758	0.404	0.331	33.9	29.5	8.29	28
29	31.0		22.8	14.5	5.12	3.46	0.716	0.400	0.327	34.0	131	8.19B	29
30	24.9		26.5	12.7	4.72	3.28	0.669	0.520	0.314	48.2	63.2	8.15B	30
31	20.3		28.5		9.16		0.631	0.843		32.8		8.30B	31
TOTAL	921.14	719.35	760.8	709.2	237.84	307.83	44.658	14.849	13.814	411.367	2 090.9	1 196.40	TOTAL
MEAN	29.7	25.7	24.5	23.6	7.67	10.3	1.44	0.479	0.461	13.3	69.7	38.6	MEAN
MAX	131	99.0	40.6	30.9	15.2	27.5	3.30	0.843	0.929	58.7	265	262	MAX
MIN	9.44	9.85	15.9	12.7	4.72	2.79	0.631	0.378	0.314	0.312	14.1	8.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.4
MAXIMUM DAILY, 265 ON NOV 23
MINIMUM DAILY, 0.312 ON OCT 01
MAXIMUM INSTANTANEOUS,
401 AT 05:12 PST ON DEC 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 52 45 N
LONG 123 42 07 W
DRAINAGE AREA, 355 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 600	JUL	3 860
FEB	62 200	AUG	1 280
MAR	65 700	SEP	1 190
APR	61 300	OCT	35 500
MAY	20 500	NOV	181 000
JUN	26 600	DEC	103 000

TOTAL DISCHARGE, 642 000 dam³

CHERRY CREEK BELOW PENDLETON CREEK - STATION NO. 08LF086

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.020	0.018B	0.016	0.020	0.126	1.16	0.245	0.044	0.032	0.024	0.025	0.020	1
2	0.015	0.016B	0.016	0.019	0.122	1.05	0.287	0.040	0.032	0.024	0.024	0.020	2
3	0.018	0.016B	0.017E	0.020	0.129	0.828	0.293	0.039	0.032	0.024	0.024	0.020	3
4	0.019	0.017B	0.019E	0.020	0.092	0.918	0.290	0.036	0.031	0.024	0.024	0.021	4
5	0.019	0.018	0.021E	0.020	0.080	0.858	0.282	0.033	0.031	0.024	0.024	0.020	5
6	0.020	0.018	0.022E	0.021	0.101	0.727	0.547	0.034	0.031	0.024	0.024	0.020	6
7	0.021E	0.018	0.023	0.021	0.088	0.665	0.954	0.036	0.030	0.024	0.025	0.071	7
8	0.021	0.018	0.022E	0.020	0.092	0.587	1.02	0.039	0.030	0.024	0.025	0.081	8
9	0.021E	0.017	0.021E	0.019	0.076	0.531	0.828	0.039	0.033	0.024	0.024	0.091	9
10	0.020E	0.017	0.020E	0.020	0.071	0.798	0.601	0.033	0.032	0.024	0.022	0.090	10
11	0.019E	0.018	0.020E	0.019	0.064	1.06	0.492	0.031	0.033	0.024	0.024	0.081	11
12	0.019E	0.018	0.020	0.020	0.062	1.20	0.405	0.035	0.034	0.029	0.024	0.080	12
13	0.020E	0.018	0.019E	0.059	0.062	2.29	0.375	0.033	0.033	0.029	0.024	0.079	13
14	0.020E	0.018	0.020E	0.095	0.064	2.28	0.299	0.040	0.032	0.030	0.023	0.081	14
15	0.020	0.018	0.020	0.097	0.063	1.40	0.234	0.040	0.032	0.030	0.023	0.081	15
16	0.021E	0.018	0.020	0.123	0.063	1.40	0.198	0.034	0.032	0.029	0.022	0.064	16
17	0.020E	0.016	0.020	0.116	0.064	1.32	0.139	0.034	0.031	0.030	0.022	0.064B	17
18	0.020B	0.017	0.020	0.081	0.071	1.08	0.124	0.034	0.026	0.029	0.021	0.064B	18
19	0.020	0.016	0.020	0.076	0.091	1.02	0.094	0.035	0.026	0.029	0.021	0.062B	19
20	0.018	0.016	0.020	0.075	0.149	1.08	0.088	0.038E	0.025	0.029	0.021	0.060B	20
21	0.018	0.016	0.020	0.075	0.229	1.08	0.067	0.039	0.024	0.029	0.021	0.058B	21
22	0.019	0.016	0.020	0.076	0.341	0.940	0.061	0.039	0.025	0.030	0.021	0.058B	22
23	0.019	0.016	0.020	0.121E	0.371	0.726	0.053	0.036	0.025	0.028	0.022	0.058B	23
24	0.020	0.016	0.017	0.170	0.390	0.602	0.057	0.038	0.024	0.028	0.021	0.059B	24
25	0.020	0.021	0.020	0.182	0.522	0.526	0.056	0.039	0.023	0.028	0.020	0.060B	25
26	0.020	0.020	0.020	0.236	1.14	0.480	0.054	0.039	0.023	0.028	0.020B	0.060B	26
27	0.020	0.016	0.020	0.255	1.14	0.480	0.047	0.037	0.023	0.027	0.020	0.061B	27
28	0.020	0.016	0.020	0.217	0.942	0.333	0.040	0.036	0.023	0.027	0.020	0.062B	28
29	0.020		0.020	0.175	1.14	0.276	0.046	0.032	0.024	0.027	0.021	0.058B	29
30	0.021		0.020	0.148	1.50	0.296	0.052	0.039	0.024	0.027	0.021	0.054B	30
31	0.020B		0.020		1.34		0.055	0.033		0.026		0.056B	31
TOTAL	0.608	0.483	0.613	2.616	10.777	27.891	8.383	1.134	0.856	0.833	0.673	1.814	TOTAL
MEAN	0.020	0.017	0.020	0.087	0.348	0.930	0.270	0.037	0.029	0.027	0.022	0.059	MEAN
MAX	0.021	0.021	0.023	0.255	1.50	2.29	1.02	0.044	0.034	0.030	0.025	0.091	MAX
MIN	0.015	0.016	0.016	0.019	0.062	0.276	0.040	0.031	0.023	0.024	0.020	0.020	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.155
MAXIMUM DAILY, 2.29 ON JUN 13
MINIMUM DAILY, 0.015 ON JAN 02

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 39 N
LONG 120 34 28 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52.5	JUL	724
FEB	41.7	AUG	98.0
MAR	53.0	SEP	74.0
APR	226	OCT	72.0
MAY	931	NOV	58.1
JUN	2 410	DEC	157

TOTAL DISCHARGE, 4 900 dam³

CHERRY CREEK NEAR CHERRYVILLE - STATION NO. 08LC049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	6.07	12.7	38.8	32.3	9.04	5.28	---	---	---	1
2	---	---	---	9.53	14.2	43.8	31.5	8.42	4.80	---	---	---	2
3	---	---	---	10.9	14.3	39.5	28.0 E	7.90	4.27	---	---	---	3
4	---	---	---	10.2	15.9	45.3	25.0	7.57	4.08	---	---	---	4
5	---	---	---	10.1	21.4	37.2	30.3	7.35	3.96	---	---	---	5
6	---	---	---	10.5	23.6	32.5	31.0	7.04	3.84	---	---	---	6
7	---	---	---	11.0 E	26.4	35.8	29.7	6.85	3.58	---	---	---	7
8	---	---	---	12.5	21.2	32.4	26.8	6.77	3.44	---	---	---	8
9	---	---	---	11.7	20.4	35.0E	21.8	6.55	3.40	---	---	---	9
10	---	---	---	10.5	18.7	38.4	20.8	6.50E	3.26	---	---	---	10
11	---	---	---	9.82	19.0	43.7	20.1	6.41	3.10	---	---	---	11
12	---	---	---	10.1	19.9	50.9	20.8	6.52	3.06	---	---	---	12
13	---	---	---	9.75	19.9	55.8	20.0	6.00	3.00	---	---	---	13
14	---	---	---	10.5	17.8	51.7	18.8	5.98	2.98	---	---	---	14
15	---	---	---	11.8	17.7	56.5	17.5	5.69	2.96	---	---	---	15
16	---	---	---	12.7	16.8	56.3	16.6	5.62	3.34	---	---	---	16
17	---	---	---	14.3	16.8	52.6	15.6	4.42	3.10	---	---	---	17
18	---	---	---	15.3	18.6	54.8	14.5	6.41	3.00	---	---	---	18
19	---	---	---	16.8	18.5	54.9	14.0	5.76	2.84	---	---	---	19
20	---	---	---	17.8	17.9	63.3	13.2	5.38	2.72	---	---	---	20
21	---	---	---	21.1	17.8	51.4	12.5 E	5.47	2.68	---	---	---	21
22	---	---	---	26.1	17.8	51.0	12.0	5.47	3.04	---	---	---	22
23	---	---	---	26.4	26.4	60.0E	11.7	5.50	2.60	---	---	---	23
24	---	---	---	26.1	28.3	72.9	11.5	5.30E	2.54	---	---	---	24
25	---	---	---	21.9	29.9	70.0	11.3	5.04	2.42	---	---	---	25
26	---	---	---	20.0	30.2	39.9	12.0	4.80	2.40	---	---	---	26
27	---	---	---	16.8	30.4	38.0	11.0	4.66	2.36	---	---	---	27
28	---	---	---	16.2	33.6	35.4	10.7	4.32	2.30	---	---	---	28
29	---	---	---	14.9	33.6	31.4	10.0	4.27	2.28	---	---	---	29
30	---		---	13.9	38.1	33.6	9.46	5.76	2.20	---	---	---	30
31	---		---		44.5		9.30	5.47		---		---	31
TOTAL	---	---	---	435.27	702.3	1 412.8	569.76	188.24	94.83	---	---	---	TOTAL
MEAN	---	---	---	14.5	22.7	47.1	18.4	6.07	3.16	---	---	---	MEAN
MAX	---	---	---	26.4	44.5	72.9	32.3	9.04	5.28	---	---	---	MAX
MIN	---	---	---	6.07	12.7	31.4	9.30	4.27	2.20	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 72.9 ON JUN 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 22 N
LONG 118 38 00 W
DRAINAGE AREA, 503 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	49 200
FEB	---	AUG	16 300
MAR	---	SEP	8 190
APR	37 600	OCT	---
MAY	60 700	NOV	---
JUN	122 000	DEC	---

CHESLATTA LAKE AT WEST END - STATION NO. 08JA018

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.845	2.839A	2.822	2.806	5.699	3.336	3.207	5.842E	3.048	2.807	2.732	2.711	1
2	2.839	2.842	2.818	2.806	5.529	3.322	3.215	5.734A	3.019	2.795	2.726	2.699	2
3	2.837	2.847	2.817	2.817	5.247	3.308	3.224	5.465	2.997	2.801	2.730	2.725	3
4	2.838	2.851	2.824	2.824	5.013	3.313	3.230	5.139	2.978	2.816	2.725	2.718	4
5	2.845	2.851	2.824	2.823	4.802	3.306	3.238	4.865	2.961	2.813	2.728	2.715	5
6	2.844	2.846	2.818	2.834	4.621	3.298	3.264	4.996	2.948	2.820	2.728	2.730	6
7	2.838	2.853	2.827	2.852	4.473	3.283	3.282A	5.415	2.931	2.811	2.716	2.723	7
8	2.840	2.843	2.829	2.940	4.345	3.276	3.320E	5.675	2.920	2.811	2.718	2.711	8
9	2.841	2.841	2.824	3.041	4.228	3.271	3.340E	5.547	2.910	2.807	2.716	2.706	9
10	2.839	2.846	2.826	3.162	4.140	3.267	3.354E	5.547	2.904	2.799	2.718	2.703	10
11	2.838	2.853	2.832	3.372	4.050	3.259	3.362E	5.741	2.897	2.804	2.724	2.705	11
12	2.841	2.835A	2.810	3.679	3.970	3.255	3.430E	5.797	2.882	2.791	2.727	2.710	12
13	2.844	2.833A	2.804	3.974A	3.900	3.258	3.900E	5.618	2.870	2.786	2.724	2.715	13
14	2.841	2.843	2.800	4.242	3.823	3.268	4.260E	5.297	2.870	2.787	2.730	2.723	14
15	2.830	2.840A	2.804	4.467	3.767	3.254	4.520E	5.013	2.860	2.787	2.734	2.713	15
16	2.825	2.832A	2.796	4.661	3.714	3.239	4.750E	4.823	2.854	2.782	2.729	2.709	16
17	2.828	2.831A	2.799	4.833	3.665	3.232	4.960E	4.686	2.850	2.784	2.726	2.718	17
18	2.836	2.862	2.796	4.978	3.617	3.231	5.068E	4.500	2.837	2.761	2.732	2.698E	18
19	2.834	2.878	2.805	5.113	3.588	3.221	5.146E	4.309	2.827	2.765	2.731	2.674E	19
20	2.826	2.872	2.803	5.212	3.552	3.225	5.170E	4.144	2.828	2.769	2.723	2.662E	20
21	2.825	2.876	2.806	5.317	3.526	3.219	5.330E	3.987	2.837	2.762	2.726	2.652E	21
22	2.828	2.837	2.807	5.395	3.502	3.211	5.400E	3.830	2.835	2.766	2.724	2.656E	22
23	2.829	2.839	2.812	5.453	3.480	3.203	5.452E	3.722	2.830	2.768	2.722	2.666E	23
24	2.835	2.829	2.822	5.526	3.453	3.198	5.448E	3.611	2.824	2.758	2.732	2.672	24
25	2.835	2.823	2.829	5.588	3.433	3.193	5.530E	3.520	2.833	2.769	2.717	2.671	25
26	2.841	2.823	2.800	5.627	3.430	3.187	5.612E	3.422	2.821	2.741	2.716	2.665	26
27	2.849	2.815	2.804	5.656	3.416	3.193	5.680E	3.333	2.819	2.730	2.707	2.658E	27
28	2.846	2.823	2.806	5.663	3.395	3.193	5.728E	3.261	2.812	2.737	2.718	2.632E	28
29	2.845		2.806	5.688	3.387	3.202	5.774E	3.209	2.807	2.742	2.723	2.622E	29
30	2.839A		2.808	5.695	3.371	3.204	5.818E	3.156	2.811	2.732	2.708	2.628E	30
31	2.838E		2.802		3.348		5.836E	3.103		2.729		2.632E	31
MEAN	2.837	2.843	2.812	4.301	3.983	3.248	4.479	4.591	2.881	2.778	2.724	2.688	MEAN
MAX	2.849	2.878	2.832	5.695	5.699	3.336	5.836	5.842	3.048	2.820	2.734	2.730	MAX
MIN	2.825	2.815	2.796	2.806	3.348	3.187	3.207	3.103	2.807	2.729	2.707	2.622	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 3.352
MAXIMUM DAILY, 5.842E ON AUG 01
MINIMUM DAILY, 2.622E ON DEC 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 25 N
LONG 125 38 20 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHILCOTIN RIVER BELOW BIG CREEK - STATION NO. 08MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.7	17.1	25.1	36.9	54.7	180	263	278	153	105	64.7	68.3	1
2	33.3	19.9	25.8	40.3	59.3	198	261	280	149	105	62.2	64.8	2
3	32.2	22.7	25.8	43.2	67.1	205	259	276	145	101	62.5	68.2	3
4	33.4	24.2	23.9	42.4	69.6	206	263	266	141	97.7	62.5	77.3	4
5	33.3	28.8	25.3	40.7	72.5	200	234	261	138	95.2	59.2	69.5	5
6	34.8	26.0B	24.5	41.0	78.2	190	234	265	139	96.2	55.2	69.8	6
7	34.0	24.0B	25.3	43.0	79.1	184	263	268	138	97.1	57.6	66.9	7
8	33.3	24.0B	24.2	45.0	75.8	177	287	262	136	95.9	55.6	67.7	8
9	33.4	25.0B	23.0	42.3	74.5	168	286	255	136	94.4	53.0	64.2	9
10	32.4	28.0B	24.7	39.6	75.5	166	286	251	137	90.4	52.5	60.1	10
11	27.5	25.0B	24.9	39.1	79.9	171	283	251	140	79.8	52.1	58.8	11
12	26.8	22.0B	23.7	39.2	88.3	170	287	261	142	77.6	60.6	58.0	12
13	30.9	21.0B	23.4	39.2	93.1	169	297	271	143	74.6	84.2	56.4	13
14	32.4	20.0B	24.0	40.7	94.8	169	306	283	138	69.4	97.9	57.8	14
15	32.2	21.0B	24.5	42.4	96.4	169	304	285	136	65.8	106	57.4	15
16	31.1	21.0B	24.7	44.8	96.6	172	301	275	136	62.8	107	53.2	16
17	27.9	20.5B	25.4	48.0	97.8	178	295	262	137	60.2	104	56.6	17
18	23.4	20.0B	25.4	54.1	106	188	287	252	135	59.9	95.1	54.4	18
19	24.2	21.0B	26.0	56.8	114	201	275	244	132	59.9	94.4	43.9	19
20	26.0B	26.0	27.4	57.5	115	218	266	237	126	56.2	86.3	35.9	20
21	27.0B	31.5	28.2	58.4	113	225	260	236	119	56.0	78.9	24.2	21
22	26.5B	31.0	26.6	58.8	109	234	257	237	114	54.9	78.3	37.6	22
23	25.5B	29.2	24.0	58.3	105	262	256	243	114	51.8	79.1	48.0	23
24	27.0B	26.6	23.4	60.3	103	289	261	236	116	52.7	75.8	49.5	24
25	29.5	26.3	23.5	61.8	107	300	272	219	119	55.6	74.5	50.0B	25
26	29.2	26.2	24.0	61.6	116	297	276	203	120	60.3	74.0	48.0B	26
27	27.6	24.4	24.9	60.5	121	288	279	188	120	67.1	73.2	46.0B	27
28	28.7	24.3	26.2	58.1	124	278	279	175	116	72.0	71.4	33.3	28
29	26.7		27.9	55.7	136	265	277	163	116	69.7	77.8	25.3	29
30	24.0		31.0	54.1	150	257	276	159	109	68.7	70.6	25.5	30
31	17.7		33.9		161		276	155		69.7		45.0	31
TOTAL	906.6	695.6	788.1	1 463.8	3 033.2	6 374	8 506	7 497	3 940	2 322.6	2 226.2	1 641.6	TOTAL
MEAN	29.2	24.8	25.4	48.8	97.8	212	274	242	131	74.9	74.2	53.0	MEAN
MAX	34.8	34.2	33.9	61.8	161	300	306	285	153	105	107	77.3	MAX
MIN	17.7	17.1	23.0	36.9	54.7	166	234	155	109	51.8	52.1	24.2	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 306 ON JUL 14
MINIMUM DAILY, 17.1 ON FEB 01
MAXIMUM INSTANTANEOUS, 307 AT 03:25 PST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 55 N
LONG 122 39 12 W
DRAINAGE AREA, 19 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 300	JUL	735 000
FEB	60 100	AUG	648 000
MAR	68 100	SEP	340 000
APR	126 000	OCT	201 000
MAY	262 000	NOV	192 000
JUN	551 000	DEC	142 000

TOTAL DISCHARGE, 3 400 000 dam³

CHILKO RIVER AT OUTLET OF CHILKO LAKE - STATION NO. 08MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.8	11.4	8.04	7.74	12.3	37.3	100	121	79.6	52.6	30.8	36.9	1
2	17.8	12.5	8.21	7.78	12.5	40.0	100	121	74.1	48.9	30.7	37.4	2
3	17.6	12.5	8.65	7.46	13.2	42.4	99.4	117	71.5	46.7	30.4	41.0	3
4	17.2	13.2	8.66	7.54	13.1	44.8	98.0	116	69.5	48.0	28.0	36.8	4
5	17.4	12.7	8.99	7.62	14.9	45.5	97.1	118	68.9	46.9	27.5	37.6	5
6	17.1	12.7	8.90	7.69	15.2	46.5	96.4	119	67.9	46.3	30.3	35.7	6
7	16.9	12.6	8.55	7.83	14.7	49.2	98.0	114	66.8	46.5	28.4	35.4	7
8	17.4	12.3	8.70	7.62	15.1	48.6	100	110	65.2	47.7	26.6	32.9	8
9	16.2	14.0	8.88	7.67	15.2	48.0	101	110	64.6	45.3	25.9	31.8	9
10	15.9	11.9	8.91	7.94	15.8	50.0	102	110	65.6	41.2	24.2	31.5	10
11	14.7	11.5	8.14	8.06	16.4	51.6	104	113	66.1	42.5	29.1	31.3	11
12	14.7	10.5	8.88	8.74	17.2	49.3	107	115	65.5	40.3	37.9	30.1	12
13	14.7	10.0 B	8.90	8.54	18.0	50.0	110	119	64.0	36.7	42.4	31.7	13
14	14.9	9.80B	8.48	8.64	19.0	51.4	112	121	61.8	34.0	46.0	30.1	14
15	14.9	9.70B	8.14	8.36	19.5	53.1	114	121	62.7	33.2	47.0	28.0	15
16	14.3	9.50B	7.43	8.70	19.4	53.4	114	117	63.1	32.9	45.4	30.3	16
17	14.2	9.60B	7.62	9.45	20.7	56.0	114	112	61.5	33.9	43.8	27.3	17
18	13.7	10.0	7.89	9.88	22.0	58.6	113	109	60.1	32.3	43.6	25.0	18
19	13.5	11.5	7.98	10.1	22.6	62.2	111	107	57.5	30.0	40.9	24.9	19
20	14.9	10.7	8.25	10.2	23.2	65.6	111	107	56.0	30.0	40.2	25.0	20
21	14.4	10.6	7.44	10.5	23.5	68.7	112	108	55.3	28.2	41.0	24.7	21
22	13.8	9.26	7.21	10.5	24.2	73.5	114	107	55.7	27.3	39.1	24.1	22
23	13.2	8.95	7.26	10.6	23.9	81.1	113	104	57.3	28.7	40.1	24.1	23
24	13.6	9.50	7.30	11.1	25.0	86.7	114	101	56.2	27.6	42.7	23.8	24
25	13.7	8.50	7.36	11.1	25.6	90.9	116	96.3	53.1	30.0	42.2	23.8	25
26	13.6	8.54	7.37	11.6	26.3	94.2	118	93.4	53.2	33.3	42.6	23.4	26
27	13.3	8.90	7.47	10.9	26.7	96.0	118	92.0	52.2	34.8	42.0	21.3	27
28	12.3	9.14	7.29	11.3	27.8	96.4	117	88.8	53.5	32.8	44.0	20.5	28
29	12.0		7.22	11.4	30.2	96.1	118	85.3	51.1	32.4	40.2	21.8	29
30	10.8		7.33	12.0	31.3	99.4	118	84.0	50.0	33.8	39.4	22.7	30
31	10.8		7.40		34.3		121	83.1		31.7		20.4	31
TOTAL	456.6	301.99	248.85	278.56	638.8	1 886.5	3 380.9	3 339.9	1 849.2	1 156.5	1 112.4	891.3	TOTAL
MEAN	14.7	10.8	8.03	9.29	20.6	62.9	109	108	61.6	37.3	37.1	28.8	MEAN
MAX	17.8	14.0	8.99	12.0	34.3	99.4	121	121	79.6	52.6	47.0	41.0	MAX
MIN	10.8	8.50	7.21	7.46	12.3	37.3	96.4	83.1	50.0	27.3	24.2	20.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.6
MAXIMUM DAILY, 121 ON JUL 31
MINIMUM DAILY, 7.21 ON MAR 22
MAXIMUM INSTANTANEOUS,
124 AT 01:45 PST ON AUG 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 31 N
LONG 124 08 31 W
DRAINAGE AREA, 2 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	39 500	JUL	292 000
FEB	26 100	AUG	289 000
MAR	21 500	SEP	160 000
APR	24 100	OCT	99 900
MAY	55 200	NOV	96 100
JUN	163 000	DEC	77 000

TOTAL DISCHARGE, 1 340 000 dam³

CHILKO RIVER NEAR REDSTONE - STATION NO. 08MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.6	18.0B	18.5B	17.3	34.1	137	241	262E	142E	100 E	59.4	66.0B	1
2	29.3	21.0B	17.0B	18.3	36.0	149	239	260E	138E	100 E	57.2	66.0B	2
3	28.5B	22.5B	17.5B	18.4	38.1	154	234	255E	130E	96.0E	58.4	71.1	3
4	30.0B	23.0B	18.0B	17.4	40.6	155	220	250E	125E	92.0E	55.8	72.4	4
5	31.0B	22.0B	18.5B	17.8	43.5	152	212	248E	122E	90.0E	53.1	65.6	5
6	32.0B	21.5B	18.0B	18.1	49.3	146	208	246E	122E	88.0E	52.7	65.5	6
7	30.0B	21.0B	17.0B	18.4	50.1	143	220	245E	125E	90.0E	55.6	63.3	7
8	29.0B	20.5B	16.5B	19.3	49.8	138	230	245E	126E	89.0E	52.0	63.7	8
9	29.0B	22.0B	17.0B	17.3	51.8	133	238	240E	128E	86.0E	49.2	57.9	9
10	28.0B	23.5B	18.5B	18.1	52.6	132	243	240E	130E	80.0E	47.7	57.9	10
11	26.0B	22.0B	17.5B	19.0	55.2	133	248	245E	135E	76.0E	47.2	55.2	11
12	24.0B	21.0B	17.0B	19.9	59.1	129	255	250E	135E	72.0E	65.1	55.3	12
13	23.5B	19.0B	17.0B	20.2	62.2	129	267	260E	132E	70.0E	82.9	54.0B	13
14	25.0B	18.0B	17.5B	20.6	65.4	128	276	265E	132E	66.0E	98.4	55.0B	14
15	27.0B	19.0B	17.5B	21.1	67.6	130	277	265E	130E	62.0E	103	53.0B	15
16	25.0B	19.5B	17.0B	21.6	68.0	135	276	260E	130E	61.0E	104	51.0B	16
17	24.0B	19.0B	16.0B	23.2	69.4	143	273	245E	128E	61.0E	96.0	52.0B	17
18	23.0B	18.5B	15.5B	25.6	75.0	154	265E	235E	125E	60.4A	92.3	50.0B	18
19	22.5B	20.0B	16.0B	27.8	79.0	167	255E	225E	118E	54.0	91.9	48.0B	19
20	24.5B	19.5B	17.0B	28.9	79.6	182	250E	223E	110E	52.0	82.6	46.0B	20
21	24.0B	19.5B	16.0B	30.5	78.9	192	245E	225E	108E	53.4	77.0B	44.0B	21
22	23.0B	19.0B	15.5B	32.0	77.3	204	240E	230E	108E	49.4	75.0B	45.0B	22
23	22.0B	19.0B	15.0B	32.5	76.6	231	245E	222E	110E	47.5	74.0B	46.0B	23
24	22.5B	18.0B	15.5B	33.8	76.3	258	250E	215E	112E	51.7	72.0B	47.0B	24
25	23.0B	17.0B	16.0B	35.0	80.1	272	255E	200E	115E	50.6	70.0B	45.0B	25
26	22.5B	16.5B	16.5B	34.7	83.5	269	260E	185E	115E	58.1	69.0B	44.0B	26
27	22.0B	17.0B	16.5B	34.1	85.9	262	262E	175E	112E	64.2	69.0B	43.0B	27
28	22.5B	17.9B	17.0B	33.1	89.5	251	260E	162E	110E	63.8	68.0B	41.0B	28
29	22.0B		17.0B	33.1	99.6	242	258E	152E	108E	63.8	68.0B	40.0B	29
30	20.0B		17.5B	33.2	112	240	260E	148E	102E	65.5	67.0B	41.0B	30
31	15.3		17.6		123		262E	145E		63.2		43.0B	31
TOTAL	779.7	554.4	524.6	740.9	2 109.1	5 290	7 724	7 023	3 663	2 176.6	2 113.5	1 647.9	TOTAL
MEAN	25.2	19.8	16.9	24.7	68.0	176	249	227	122	70.2	70.5	53.2	MEAN
MAX	32.0	23.5	18.5	35.0	123	272	277	265	142	100	104	72.4	MAX
MIN	15.3	16.5	15.0	17.3	34.1	128	208	145	102	47.5	47.2	40.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 94.1
MAXIMUM DAILY, 277 ON JUL 15
MINIMUM DAILY, 15.0B ON MAR 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 12 N
LONG 123 32 12 W
DRAINAGE AREA, 6 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 400	JUL	667 000
FEB	47 900	AUG	607 000
MAR	45 300	SEP	316 000
APR	64 000	OCT	188 000
MAY	182 000	NOV	183 000
JUN	457 000	DEC	142 000

TOTAL DISCHARGE, 2 970 000 dam³

CHILLIWACK RIVER ABOVE SLESSE CREEK - STATION NO. 08MH103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.4	17.4	16.8	29.0	38.8	64.6	72.3	31.9	24.0	9.62	44.6	60.1	1
2	17.1	18.1	16.8	32.7	42.3	60.5	73.2	30.1	21.1	9.56	39.9	53.1	2
3	16.9	20.4	16.9	33.5	44.2	68.2	66.3	28.3	19.6	27.7	39.8	50.0	3
4	17.2	19.5	16.7	34.3	51.2	79.3	63.0	27.6	18.5	126	46.6	67.2	4
5	16.1	19.8	16.8	36.2	69.3	71.0	65.2	27.4	17.3	61.3	43.8	58.8	5
6	22.7	19.0	17.1	38.4	72.2	67.8	74.3	27.0	16.5	42.8	39.2	52.4	6
7	29.3	17.7	18.5	40.9	58.9	75.3	74.8	25.8	15.9	36.1	38.0	47.5	7
8	28.4	16.5	19.1	41.3	52.9	68.5	70.2	24.4	15.3	32.3	36.6	54.2	8
9	31.0	17.6	18.7	38.6	50.0	67.5	69.1	23.1	15.1	36.5	227	61.0	9
10	34.6	35.2	20.1	37.7	49.1	77.9	68.0	22.9	14.6	38.1	415 E	58.4	10
11	30.9	38.3	19.1	41.9	49.2	74.8	71.0	22.8	14.0	31.8	258	52.3	11
12	29.5	28.4	18.4	45.4	48.4	74.5	76.1	22.8	13.5	31.8	183	46.9	12
13	28.7	24.1	17.8	43.5	48.1	70.3	72.9	22.5	13.1	29.9	235	42.8	13
14	27.9	21.1	17.3	44.7	46.8	69.7	67.6	21.7	12.5	27.4	175	39.3	14
15	26.8	19.9	16.8	49.9	45.4	74.2	65.1	20.7	12.4	26.6	137	36.4	15
16	25.5	18.8	16.9	59.3	44.3	75.3	61.5	19.8	13.8	27.7	114	33.6	16
17	24.0	17.4	19.4	68.2	44.5	71.6	55.3	19.2	13.9	25.7	100	34.4	17
18	22.8	16.8	22.9	64.4	45.5	73.4	50.8	21.9	12.9	25.7	83.9	33.3	18
19	21.6	16.1	24.6	60.7	44.2	74.9	48.2	20.5	12.4	24.9	72.9	28.7	19
20	20.7	16.7	26.4	65.7	44.5	78.4	46.9	19.5	12.1	23.0	64.0	26.1	20
21	20.2	16.4	27.9	66.8	43.9	84.0	45.8	20.5	11.9	28.3	57.1	24.9	21
22	21.1	15.7	26.4	63.4	46.1	94.2	44.3	20.3	11.5	26.5	71.2	23.8	22
23	20.6	15.6	24.5	64.8	45.7	97.3	42.8	20.4	11.3	24.3	137	22.4	23
24	20.3	16.7	23.0	64.9	43.5	94.8	40.5	18.8	11.1	23.3	192	21.1	24
25	22.4	17.6	21.9	57.1	41.7	90.7	37.8	19.7	10.7	62.6	143	20.1	25
26	21.5	17.2	21.2	52.9	41.0	84.3	36.6	18.0	10.4	68.0	116	19.2	26
27	20.7	16.8	21.1	48.5	43.9	76.6	35.1	16.7	10.3	50.3	94.5	18.9	27
28	23.5	16.8	21.6	44.9	52.1	73.1	34.6	16.0	10.0	66.7	80.1	17.4	28
29	22.7		22.3	41.5	61.5	73.2	34.0	15.8	9.80	54.7	74.4	16.5	29
30	20.1		23.3	39.2	58.7	75.4	33.8	19.0	9.64	54.0	67.0	16.4	30
31	18.5		25.6		69.5		33.4	33.1		49.3		16.8	31
TOTAL	725.7	551.6	635.9	1 450.3	1 537.4	2 281.3	1 730.5	697.9	414.84	1 196.48	3 425.6	1 154.0	TOTAL
MEAN	23.4	19.7	20.5	48.3	49.6	76.0	55.8	22.5	13.8	38.6	114	37.2	MEAN
MAX	34.6	38.3	27.9	68.2	72.2	97.3	76.1	33.1	24.0	126	415	67.2	MAX
MIN	16.9	15.6	16.7	29.0	38.8	60.5	33.4	15.8	9.64	9.56	36.6	16.4	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.3
MAXIMUM DAILY, 415E ON NOV 10
MINIMUM DAILY, 9.56 ON OCT 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 09 N
LONG 121 39 42 W
DRAINAGE AREA, 645 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	62 700	JUL	150 000
FEB	47 700	AUG	60 300
MAR	54 900	SEP	35 800
APR	125 000	OCT	103 000
MAY	133 000	NOV	296 000
JUN	197 000	DEC	99 700

TOTAL DISCHARGE, 1 370 000 dam³

CHILLIWACK RIVER AT OUTLET OF CHILLIWACK LAKE - STATION NO. 08MH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.74	9.01	7.76	11.5	21.1	35.2	42.3	20.4	13.3	5.79	28.4	39.2	1
2	9.55	8.80	7.69	12.4	20.5	34.4	41.2	19.7	12.1	5.73	26.0	35.1	2
3	9.29	8.80	7.65	13.6	20.4	34.3	39.6	18.8	12.6	6.28	24.1	31.7	3
4	9.18	8.69	7.63	14.5	21.2	37.4	37.9	19.1	12.0	15.8	23.6	32.7	4
5	9.16	8.58	7.60	15.4	24.5	38.2	36.9	17.7	11.4	26.9	23.4	33.6	5
6	10.2	8.60	7.63	16.3	30.4	37.3	39.0	17.3	10.8	27.1	22.4	31.4	6
7	11.9	8.43	8.00	17.4	32.4	37.1	40.4	17.0	10.3	25.0	21.5	29.4	7
8	13.5	8.17	8.49	18.6	31.2	36.4	40.0	16.3	9.93	22.4	20.6	28.4	8
9	14.9	8.06	8.77	19.1	29.3	35.6	39.8	15.5	9.52	20.7	32.7	29.7	9
10	16.5	8.87	9.42	19.3	27.7	37.4	39.7	15.0	9.17	20.1	94.5	30.6	10
11	16.6	10.7	9.52	19.5	26.7	38.9	40.1	14.8	8.75	19.0	132	30.2	11
12	16.3	11.8	9.35	20.7	26.3	38.1	42.3	14.6	8.44	18.2	118	28.7	12
13	15.9	11.9	9.20	21.4	26.0	36.5	43.9	14.5	8.09	17.6	118	26.9	13
14	15.6	11.6	9.01	21.7	25.4	35.0	42.9	14.4	7.82	16.6	112	24.7	14
15	15.1	11.3	8.80	22.5	24.6	35.0	41.4	13.9	7.62	15.7	92.3	22.8	15
16	14.5	10.9	8.57	24.6	24.0	36.9	39.9	13.3	7.63	15.5	75.4	21.2	16
17	13.9	10.5	8.52	28.0	23.7	37.6	37.4	12.8	7.66	14.9	62.8	20.3	17
18	13.2	9.97	8.64	30.6	23.6	38.6	34.6	13.1	7.49	14.3	53.6	19.5	18
19	12.6	9.48	9.06	31.4	23.2	39.3	32.3	13.1	7.32	13.9	46.3	18.2	19
20	12.0	9.18	9.75	31.8	23.0	40.3	30.5	12.8	7.12	13.3	40.5	16.7	20
21	11.5	9.00	10.5	32.8	22.8	42.3	29.0	12.9	6.92	13.1	36.0	15.4	21
22	11.3	8.66	11.1	33.3	23.0	46.3	28.0	13.0	6.80	13.2	35.4	14.3	22
23	11.2	8.41	11.4	33.6	23.4	50.6	27.2	12.8	6.73	12.9	44.4	13.5	23
24	10.8	8.18	11.4	33.0	23.4	53.0	26.2	12.3	6.63	12.4	80.6	12.8	24
25	10.7	8.10	11.3	32.1	23.0	53.0	24.8	12.1	6.47	14.3	91.1	12.2	25
26	10.4	7.97	11.1	30.5	22.4	50.9	23.6	11.6	6.37	24.7	79.4	11.6	26
27	10.2	7.92	10.9	28.4	22.1	47.9	22.7	11.0	6.27	26.8	66.4	11.4	27
28	10.1	7.82	10.7	26.4	23.4	44.9	22.0	10.4	6.12	30.4	56.1	10.8	28
29	10.1		10.6	24.3	27.3	43.0	21.5	10.1	6.01	31.7	49.1	10.2	29
30	9.71		10.7	22.4	30.3	42.7	21.1	10.4	5.88	31.5	43.9	9.93	30
31	9.30		11.0		33.6		20.8	12.4		30.3		9.96	31
TOTAL	374.93	259.40	291.76	706.7	779.9	1 214.1	1 049.0	442.1	254.26	576.10	1 750.5	682.99	TOTAL
MEAN	12.1	9.26	9.41	23.6	25.2	40.5	33.8	14.3	8.48	18.6	58.4	22.0	MEAN
MAX	16.6	11.9	11.4	33.3	33.6	53.0	43.9	20.4	13.3	31.7	132	39.2	MAX
MIN	9.16	7.82	7.60	11.5	20.4	34.3	20.8	10.1	5.88	5.73	20.6	9.83	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.0
MAXIMUM DAILY, 132 ON NOV 11
MINIMUM DAILY, 5.73 ON OCT 02
MAXIMUM INSTANTANEOUS,
134 AT 11:14 PST ON NOV 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 02 N
LONG 121 27 24 W
DRAINAGE AREA, 329 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 400	JUL	90 600
FEB	22 400	AUG	38 200
MAR	25 200	SEP	22 000
APR	61 100	OCT	49 800
MAY	67 400	NOV	151 000
JUN	105 000	DEC	59 000

TOTAL DISCHARGE, 724 000 dam³

CHILLIWACK RIVER AT VEDDER CROSSING - STATION NO. 08MH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.8	36.4	39.7	58.7	72.0	130E	112	50.3	48.7	17.5	120	107	1
2	38.3	37.2	39.5	67.4	79.8	122E	113	46.0	37.2	17.4	103	95.7	2
3	36.9	41.5	39.6	70.1	86.7	134E	106	42.9	32.4	36.3	101	92.3	3
4	38.6	39.3	39.2	69.6	105	154E	101	42.1	30.0	314	128	140	4
5	43.7	38.9	38.9	71.9	151	141A	105	43.2	28.3	172 A	126	115	5
6	55.3	37.4	39.8	77.4	158	132	121	42.7	26.7	82.5E	111	101	6
7	75.0	36.1	44.8	83.9	110	149	121	39.9	25.8	66.4E	107	87.8	7
8	66.1	34.8	47.1	86.9	99.5	135	115	36.5	24.9	59.0E	103	108	8
9	81.6	38.4	44.7	78.3	92.6	127	113	34.7	24.5	64.8E	---	140	9
10	84.8	114	50.8	72.1	85.1	147	111	35.0	23.5	70.0E	---	133	10
11	68.3	144	45.6	81.9	91.3	142	118	35.7	22.9	58.0E	360	114	11
12	66.0	94.0	42.8	98.1	90.3	135	124	36.1	22.3	57.7E	264	103	12
13	63.6	73.2	40.2	92.8	89.7	129	115	36.6	21.7	53.0E	442	98.5	13
14	60.4	61.1	39.3	91.4	88.0	124	108	35.3	21.0	49.9E	310	91.1	14
15	56.9	56.2	37.7	103	85.6	131	104	33.9	21.0	48.0E	251	83.3	15
16	53.9	50.0	37.3	125	82.8	130	97.4	32.2	24.2	51.0E	205	77.0	16
17	49.7	44.7	41.2	149	83.0	118	89.1	30.7	24.2	46.8E	188	81.9	17
18	46.8	42.4	48.4	138	82.7	117	82.0	41.5	22.1	46.6E	171	81.7	18
19	45.0	40.5	54.5	133	78.6	120	77.0	34.4	21.1	44.9E	160	66.6	19
20	43.1	40.9	58.0	144	79.8	123	75.1	31.4	20.3	42.6E	144	60.1A	20
21	42.4	40.1	59.8	149	78.5	131	73.6	34.4	20.0	56.8E	136	56.9A	21
22	46.1	38.0	56.8	139	83.4	144	73.1	33.4	19.8	52.8E	184	56.0	22
23	44.3	38.1	52.7	138	85.2	147	70.6	32.3	19.4	47.9A	---	52.8	23
24	42.5	42.0	48.7	136	79.8	142	65.5	29.0	19.2	41.9	---	49.7	24
25	45.2	44.2	46.1	128	74.1	131	58.7	30.7	18.9	130	268	48.8	25
26	42.8	43.0	44.0	112	70.8	119	55.7	27.6	18.6	235	227	46.1	26
27	42.3	41.2	43.8	98.3	75.4	110	55.1	25.7	18.1	147	202	44.9	27
28	44.4	40.1	44.6	87.9	93.9	110	54.2	24.6	17.8	206	149	41.0	28
29	44.5		45.6	78.1	124	114	54.2	24.8	17.7	160	139	38.4	29
30	41.2		47.4	71.9	122	119	53.6	33.4	17.4	154	118	38.4	30
31	37.8		51.8		140 A		53.8	70.4		140		40.9	31
TOTAL	1 589.3	1 427.7	1 410.4	3 030.7	2 922.6	3 907	2 775.7	1 136.4	709.4	2 769.8	---	2 490.9	TOTAL
MEAN	51.3	51.0	45.5	101	94.3	130	89.5	36.7	23.6	89.3	---	80.4	MEAN
MAX	84.8	144	59.8	149	158	154	124	79.4	48.7	314	---	140	MAX
MIN	36.9	34.8	37.3	58.7	70.8	110	53.6	24.6	17.4	17.4	---	38.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 17.4 ON SEP 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 50 N
LONG 121 57 45 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137 000	JUL	240 000
FEB	123 000	AUG	98 200
MAR	122 000	SEP	61 300
APR	262 000	OCT	239 000
MAY	253 000	NOV	---
JUN	338 000	DEC	215 000

CHINA CREEK BELOW MCFARLAND CREEK - STATION NO. 08HB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	5.78	2.85	2.20E	2.04	0.413	0.527	0.160	---	---	1
2	---	---	---	5.75	3.16	4.50E	1.76	0.422	0.449	0.160A	---	---	2
3	---	---	---	5.10	3.67	8.50E	1.56	0.404	0.411	---	---	---	3
4	---	---	---	4.76	4.04	7.00E	1.40	0.381	0.385	---	---	---	4
5	---	---	---	4.60	4.54	6.00E	1.48	0.367	0.336	---	---	---	5
6	---	---	---	4.57	4.13	5.69A	1.61	0.340	0.316	---	---	---	6
7	---	---	---	4.69	3.38	5.97	1.36	0.311	0.282	---	---	---	7
8	---	---	---	4.73	2.67	5.80A	1.33	0.301	0.262	---	---	---	8
9	---	---	---	4.41	2.43	5.70E	1.21	0.302	0.234	---	---	---	9
10	---	---	---	4.14	2.47	6.20E	1.14	0.286	0.226	---	---	---	10
11	---	---	---	4.48	2.50	7.00E	1.09	0.290	0.202	---	---	---	11
12	---	---	---	4.91	2.55	6.00E	1.08	0.261	0.200	---	---	---	12
13	---	---	---	4.84	2.57	5.30E	0.974	0.242	0.184	---	---	---	13
14	---	---	---	4.94	2.51	4.78A	0.928	0.246	0.181	---	---	---	14
15	---	---	---	5.14	2.44	4.49	0.896	0.251	0.172	---	---	---	15
16	---	---	---	5.96	2.35	4.28A	0.889	0.272	0.195	---	---	---	16
17	---	---	---	6.91	2.16	3.62A	0.810	0.296	0.205	---	---	---	17
18	---	---	---	6.16	2.24	3.31	0.790	0.345	0.183	---	---	---	18
19	---	---	---	5.62	2.12	3.01	0.745	0.265	0.177	---	---	---	19
20	---	---	---	5.72	2.11	2.86A	0.768	0.236	0.181	---	---	---	20
21	---	---	---	5.27	2.23	2.70E	0.720	0.218	0.174	---	---	---	21
22	---	---	---	5.25	3.34	2.47A	0.669	0.205	0.177	---	---	---	22
23	---	---	---	5.20	3.42A	2.37	0.640	0.200	0.184	---	---	---	23
24	---	---	---	4.82	3.20E	2.15	0.632	0.203	0.163	---	---	---	24
25	---	---	---	4.79	2.80E	1.98	0.601	0.213	0.163	---	---	---	25
26	---	---	---	4.30	2.30E	1.82	0.572	0.200	0.145	---	---	---	26
27	---	---	---	4.02	2.10E	1.70	0.549	0.195	0.152	---	---	---	27
28	---	---	---	3.69	2.15E	1.84	0.515	0.191	0.144	---	---	---	28
29	---	---	---	3.29	2.15E	2.13	0.476	0.196	0.142	---	---	---	29
30	---		4.59A	3.03	2.15E	2.30	0.454	0.268	0.140	---	---	---	30
31	---		5.24		2.10E		0.419	0.605		---		---	31
TOTAL	---	---	---	146.87	85.03	123.67	30.107	8.925	6.892	---	---	---	TOTAL
MEAN	---	---	---	4.90	2.74	4.12	0.971	0.288	0.230	---	---	---	MEAN
MAX	---	---	---	6.91	4.54	8.50	2.04	0.605	0.527	---	---	---	MAX
MIN	---	---	---	3.03	2.10	1.70	0.419	0.191	0.140	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 35 N
LONG 124 46 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1990

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 600
FEB	---	AUG	771
MAR	---	SEP	595
APR	12 700	OCT	---
MAY	7 350	NOV	---
JUN	10 700	DEC	---

CHRISTINA CREEK AT OUTLET OF CHRISTINA LAKE - STATION NO. 08NN014

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.634	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	0.844	---	---	2
3	---	---	---	1.109	---	---	1.661	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	0.911	---	---	1.049	4
5	---	---	---	---	---	2.207	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	0.951	---	6
7	---	---	---	---	---	---	---	1.070	---	---	---	---	7
8	---	---	---	---	1.643	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	0.808	---	---	9
10	---	---	0.997	1.314	---	---	1.722	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	0.887	---	---	1.055	11
12	---	---	---	---	---	2.210	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	0.988	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	1.649	---	---	0.978	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	0.850	---	---	16
17	---	---	---	1.411	---	---	1.274	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0.872	---	---	1.058	18
19	---	---	---	---	---	2.338	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	0.991	---	20
21	---	---	---	---	---	---	---	0.942	---	---	---	---	21
22	---	---	---	---	1.615	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	0.869	---	---	23
24	---	---	---	1.622	---	---	1.274	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	0.875	---	---	---	25
26	---	---	---	---	---	1.807	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	0.858	---	1.018	---	27
28	---	---	---	---	---	---	---	0.917	---	---	---	---	28
29	---	---	---	---	1.716	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	0.917	---	---	30
31	---		---		---		1.216	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 02 31 N
LONG 118 12 25 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA, 492 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 444.030 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

CHUCHINKA CREEK NEAR THE MOUTH - STATION NO. 07EE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.17B	1.65 B	0.990B	3.40B	18.9	44.1	3.20 E	0.452E	0.510	0.474	1.87	1.23B	1
2	5.10B	1.54 B	0.970B	4.55B	21.0	32.2	2.65 E	0.385E	0.572	0.906	1.64	1.20B	2
3	5.10B	1.48 B	0.935B	6.20B	25.7	22.7	2.38 E	0.350E	0.555	0.983	1.58	1.23B	3
4	5.09B	1.41 B	0.930B	7.52B	36.9	19.9	2.15 E	0.343E	0.505	0.856	1.46	1.21B	4
5	5.04B	1.35 B	0.942B	8.20B	41.4	16.2	1.98 E	0.358E	0.466	0.892A	1.25B	1.41B	5
6	4.95B	1.28 B	0.975B	9.10B	47.5	13.1	1.95 E	0.370E	0.422	1.00 E	1.40B	1.53B	6
7	4.80B	1.26 B	0.982B	9.25B	36.9	11.0	1.90 E	0.390E	0.422	1.50 E	1.53B	1.63B	7
8	4.50B	1.22 B	0.975B	8.75B	28.3	10.5	1.78 E	0.353E	0.425	2.50 E	1.51B	1.66B	8
9	4.18B	1.19 B	0.978B	7.95B	24.5	9.12	1.62 E	0.315E	0.430	2.40 E	1.48B	1.63B	9
10	4.00B	1.18 B	0.980B	7.35B	24.5	8.55	1.47 E	0.280E	0.414	2.87 A	1.45B	1.59B	10
11	3.92B	1.17 B	0.990B	6.95B	25.1	11.7	1.42 E	0.281E	0.393	2.15	1.43B	1.56B	11
12	3.91B	1.17 B	0.999B	6.78	22.5	13.1	1.37 E	0.290E	0.376	1.82	1.42B	1.53B	12
13	3.92B	1.17 B	1.01 B	7.54	19.3	10.9	1.30 E	0.300E	0.369	1.70	1.46B	1.52B	13
14	3.95B	1.16 B	1.03 B	9.30	17.9	9.16	1.28 E	0.319E	0.354	1.46	1.50B	1.53B	14
15	3.78B	1.15 B	1.09 B	13.1	17.7	7.93	1.15 E	0.345A	0.346	1.22	1.57B	1.54B	15
16	3.25B	1.12 B	1.17 B	15.9	18.7	6.95	1.02 E	0.415	0.341	1.06	1.59B	1.54B	16
17	3.12B	1.09 B	1.22 B	18.4	20.6	6.27	0.875E	0.484	0.335	0.984	1.58B	1.54B	17
18	3.07B	1.04 B	1.27 B	21.8	20.8	5.54	0.785E	0.449	0.346	0.943	1.55B	1.53B	18
19	3.03B	0.990B	1.32 B	28.0	20.6	5.00	0.700E	0.416	0.356	0.951	1.51B	1.49B	19
20	3.00B	0.960B	1.36 B	38.1	19.6	4.53	0.672E	0.385	0.347	0.909	1.49B	1.42B	20
21	2.99B	0.945B	1.39 B	41.7	20.0	4.00	0.656E	0.369	0.373	1.01	1.46B	1.41B	21
22	2.98B	0.945B	1.41 B	41.0	19.1	3.61	0.645E	0.366	0.363	1.09	1.42B	1.40B	22
23	2.92B	0.950B	1.42 B	39.0	17.6	4.00E	0.642E	0.388	0.359	1.06	1.39B	1.39B	23
24	2.92B	0.960B	1.46 B	40.9	16.2	3.70E	0.640E	0.381	0.346	1.42	1.32B	1.38B	24
25	2.93B	0.968B	1.48 B	38.4	16.2	3.38E	0.675E	0.371	0.339	1.92	1.28B	1.38B	25
26	2.89B	0.978B	1.52 B	33.4	17.2	3.39E	0.655E	0.355	0.330	2.01	1.27B	1.37B	26
27	2.75B	0.996B	1.54 B	25.9	15.6	3.29E	0.620E	0.339	0.323	1.96	1.27B	1.34B	27
28	2.47B	1.00 B	1.57 B	20.4	14.1	3.13E	0.590E	0.339	0.326	2.67	1.26B	1.30B	28
29	2.23B		1.63 B	17.0	13.4	3.00E	0.535E	0.337	0.321	2.96	1.26B	1.29B	29
30	1.98B		1.71 B	16.7	16.5	3.10E	0.490E	0.340	0.353	2.51	1.27B	1.28B	30
31	1.78B		2.25 B		39.2		0.475E	0.432		2.20		1.29B	31
TOTAL	111.72	32.322	38.496	552.54	713.5	303.25	38.275	11.297	11.717	48.388	43.47	44.45	TOTAL
MEAN	3.60	1.15	1.24	18.4	23.0	10.1	1.23	0.364	0.391	1.56	1.45	1.43	MEAN
MAX	5.17	1.65	2.25	41.7	47.5	44.1	3.20	0.484	0.572	2.96	1.87	1.66	MAX
MIN	1.78	0.945	0.930	3.40	13.4	3.00	0.475	0.280	0.321	0.474	1.25	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.34
MAXIMUM DAILY, 47.5 ON MAY 06
MINIMUM DAILY, 0.280E ON AUG 10
MAXIMUM INSTANTANEOUS, 64.2 AT 20:57 PST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 45 N
LONG 122 36 00 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 650	JUL	3 310
FEB	2 790	AUG	976
MAR	3 330	SEP	1 010
APR	47 700	OCT	4 180
MAY	61 600	NOV	3 760
JUN	26 200	DEC	3 840

TOTAL DISCHARGE, 168 000 dam³

CHUTINE RIVER BELOW BARRINGTON RIVER - STATION NO. 08CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4B	12.8B	13.9B	14.2B	66.8	320E	467	370E	154	103	40.0E	35.0B	1
2	15.3B	13.0B	13.8B	14.5B	71.7	350E	490	315E	133	82.1	38.5E	35.0B	2
3	15.1B	13.3B	13.7B	14.8B	77.5	340E	478	286A	123	75.7	37.3E	36.7B	3
4	15.0B	13.7B	13.6B	15.2B	84.9	330A	461	379	174	73.3	36.1E	38.5B	4
5	15.1B	14.0B	13.4B	15.8B	84.9	320	469	411	214	72.8A	35.0E	41.0B	5
6	15.1B	14.2B	13.3B	16.4B	83.8	329	479	368	203	95.0E	34.5B	42.5B	6
7	15.3B	14.3B	13.1B	17.2B	85.3	327	484	305	243	124 E	34.0B	40.5B	7
8	15.7B	14.4B	13.0B	18.6B	91.3	319	453	283	294A	111 E	33.6B	37.5B	8
9	15.9B	14.5B	12.8B	21.0B	98.2	318	414	360	245E	88.0E	33.3B	36.5B	9
10	16.1B	14.5B	12.6B	25.0B	105	318	407	475	206E	77.0E	33.1B	35.2B	10
11	16.2B	14.5B	12.3B	31.0E	112	308	396	578	213E	70.0E	33.1B	34.3B	11
12	16.2B	14.4B	12.1B	38.0E	117	293	388	596	227E	64.5E	33.4B	33.2B	12
13	16.2B	14.3B	12.0B	44.0E	124	350	355E	631	240E	60.5E	34.0B	32.1B	13
14	16.1B	14.2B	11.9B	46.5E	134	379	320E	677	250E	58.0E	34.7B	30.8B	14
15	16.0B	14.0B	11.8B	49.0E	137	367	308E	544	260E	56.0E	35.4B	30.0B	15
16	16.0B	13.9B	11.8B	51.0E	144	326	303E	488	200E	53.0E	36.2B	29.7B	16
17	16.0B	13.9B	11.8B	53.0E	159	294	300E	452	172E	50.5E	36.4B	29.5B	17
18	16.2B	13.8B	11.7B	55.0E	170	280	305E	385	167E	48.0E	36.2B	29.4B	18
19	16.3B	13.9B	11.7B	56.0E	169	275	325E	392	157E	46.0E	36.0B	29.5B	19
20	16.5B	14.0B	11.7B	57.6A	168	262	345E	527	165E	44.0E	35.3B	29.7B	20
21	16.6B	14.0B	11.7B	58.2	180	271	375E	478	250E	70.0E	34.5B	30.2B	21
22	16.7B	13.8B	11.6B	59.3	199	293	385E	308	324A	81.0E	34.1B	30.8B	22
23	16.5B	13.6B	11.5B	60.7	186	289	395E	251	380	75.0E	34.0B	31.4B	23
24	16.2B	13.4B	11.6B	60.4	178	255	405E	231	410	64.0E	34.2B	31.7B	24
25	15.8B	13.4B	11.7B	61.4	159	253	415E	237	274	57.0E	35.3B	31.4B	25
26	15.2B	13.5B	11.9B	61.9	160 A	250	395E	220	160	53.5E	36.4B	30.5B	26
27	14.0B	13.7B	12.3B	62.7	165 E	260	365E	243	110	51.0E	36.8B	28.0B	27
28	13.0B	13.8B	12.7B	63.7	180 E	290	360E	345	155	49.0E	37.0B	26.6B	28
29	12.8B		13.3B	64.4	200 E	370	380E	349	191	46.0E	36.6B	26.3B	29
30	12.7B		13.7B	66.6	235 E	410	405E	241	142	44.0E	35.8B	25.8B	30
31	12.7B		14.0B		270 E		430E	181		42.0E		25.2B	31
TOTAL	477.9	388.8	388.0	1 271.1	4 395.4	9 355	12 257	11 906	6 436	2 084.9	1 060.8	1 004.5	TOTAL
MEAN	15.4	13.9	12.5	42.4	142	312	395	384	215	67.3	35.4	32.4	MEAN
MAX	16.7	14.5	14.0	66.6	270	410	490	677	410	124	40.0	42.5	MAX
MIN	12.7	12.8	11.5	14.2	66.8	250	300	181	110	42.0	33.1	25.2	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 140
MAXIMUM DAILY, 677 ON AUG 14
MINIMUM DAILY, 11.5B ON MAR 23
MAXIMUM INSTANTANEOUS,
695 AT 08:38 PST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 41 45 N
LONG 131 42 40 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 300	JUL	1 060 000
FEB	33 600	AUG	1 030 000
MAR	33 500	SEP	556 000
APR	110 000	OCT	180 000
MAY	380 000	NOV	91 700
JUN	808 000	DEC	86 800

TOTAL DISCHARGE, 4 410 000 dam³

CLAYTON FALLS CREEK NEAR THE MOUTH - STATION NO. 08FB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.77	2.00B	1.89	4.81	6.44	9.14	9.26	7.09	4.01	7.15	4.29	3.23	1
2	4.60	1.95B	1.96	5.54	7.51	8.65	8.05	6.40	3.65	5.73	3.61	3.07	2
3	4.13	1.95B	1.98	4.23	9.57	9.34	7.46	6.74	3.25	5.72	5.71	8.95	3
4	4.12	2.00B	2.03	3.80	11.4	9.15	7.46	7.03	3.08	14.7	6.55	12.0	4
5	9.16	2.05B	2.19	3.90	12.9	7.60	8.51	7.45	3.21	6.97	4.63	6.61	5
6	8.93	2.09B	2.44	4.20	10.3	7.03	8.74	8.42	3.41	4.24	4.71	6.92	6
7	11.0	2.10B	2.27	4.93	7.39	8.52	8.26	7.12	3.68	3.47	6.87	8.61	7
8	8.52	2.13B	2.04	4.80	6.45	8.26	8.21	6.40	3.84	5.44	5.36	12.7	8
9	6.39	2.15E	1.93	3.88	6.50	8.79	7.90	6.46	3.74	19.8	4.25	7.48	9
10	5.25	2.21E	1.87	3.37	6.65	9.28	8.44	7.37	3.57	10.0	3.52	5.59	10
11	4.21	2.05E	1.78	3.47	7.85	9.28	9.56	8.20	3.39	7.59	11.4	4.45	11
12	3.86	1.85E	1.77	4.52	7.89	7.79	9.95	8.55	3.16	10.6	48.8	4.05	12
13	3.70B	1.75E	1.76	5.41	7.65	8.39	9.77	9.19	3.03	8.13	12.8	3.81	13
14	3.61	1.62E	1.78	6.58	7.36	9.25	7.42	7.32	3.05	5.48	8.30	3.60	14
15	3.36	1.50E	1.86	7.12	6.95	9.49	7.10	6.57	3.14	3.94	6.67	3.24	15
16	3.17	1.45E	2.04	7.95	6.54	9.58	6.88	6.13	3.00	3.20	9.25	3.21	16
17	2.84	1.44E	4.55	9.28	6.46	8.57	5.95	5.78	3.02	2.96	6.39	4.57	17
18	2.73	1.47E	5.04	7.66	6.34	8.72	5.22	5.76	3.36	5.55	5.07	3.20B	18
19	2.62	1.51E	4.59	7.53	6.84	9.99	5.44	5.91	2.95	3.66	4.54	2.45B	19
20	2.54	1.60E	4.46	7.69	6.43	10.4	6.08	5.90	2.94	3.20	4.10	2.45B	20
21	3.34	1.70E	4.62	7.25	6.63	10.9	6.74	5.95	2.99	7.80	3.85	2.46B	21
22	4.80	1.81A	3.75	7.45	7.05	13.7	7.48	5.90	3.16	5.06	4.38	2.50B	22
23	3.94	1.81	2.92	6.80	7.26	12.4	7.89	5.13	3.65	6.01	4.02	2.55B	23
24	3.23	1.88	2.48	5.37	7.26	10.4	7.63	4.39	3.96	24.1	3.82	2.60B	24
25	3.28	2.18	2.24	4.41	7.71	10.1	7.47	3.85	3.88	13.4	3.48	2.62B	25
26	4.16	1.98	2.18	4.10	8.39	10.8	7.29	3.52	3.18	13.6	3.35	2.60B	26
27	3.32	1.90	2.29	3.61	9.37	9.70	6.56	3.27	2.79	18.1	3.16	2.50B	27
28	3.17	1.85	2.63	3.15	9.82	9.81	6.12	3.28	4.07	11.4	3.70	2.25B	28
29	2.83		3.27	2.94	10.2	9.73	5.77	3.42	3.20	7.86	4.24	2.20B	29
30	2.55		4.32	3.22	9.52	10.1	5.35	4.01	2.60	6.84	3.47	2.18B	30
31	2.20B		4.83		9.36		7.76	4.20		5.66		2.15B	31
TOTAL	137.33	51.98	85.76	158.97	247.99	284.86	233.52	185.71	99.96	258.76	204.28	136.80	TOTAL
MEAN	4.43	1.86	2.77	5.30	8.00	9.50	7.53	5.99	3.33	8.35	6.81	4.41	MEAN
MAX	11.0	2.21	5.04	9.28	12.9	13.7	9.95	8.55	4.07	24.1	48.8	12.7	MAX
MIN	2.20	1.44	1.76	2.94	6.34	7.03	5.22	3.27	2.60	2.96	3.16	2.15	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.71
MAXIMUM DAILY, 48.8 ON NOV 12
MINIMUM DAILY, 1.44E ON FEB 17
MAXIMUM INSTANTANEOUS,
75.7 AT 12:45 PST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 53 N
LONG 126 48 09 W
DRAINAGE AREA, 92.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 900	JUL	20 200
FEB	4 490	AUG	16 000
MAR	7 410	SEP	8 640
APR	13 700	OCT	22 400
MAY	21 400	NOV	17 600
JUN	24 600	DEC	11 800

TOTAL DISCHARGE, 180 000 dam³

CLEARWATER LAKE NEAR CLEARWATER STATION - STATION NO. 08LA012

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.436	1.408	1.374	1.373	1.797	2.482	2.359	2.022	1.802	1.628	1.585	1.573	1
2	1.431	1.409	1.371	1.374	1.791	2.473	2.348	2.014	1.804	1.618	1.578	1.564	2
3	1.436	1.406	1.369	1.381	1.791	2.459	2.335	1.992	1.796	1.608	1.575	1.557	3
4	1.440	1.408	1.367	1.390	1.798	2.460	2.307	1.970	1.780	1.624	1.572	1.553	4
5	1.434	1.404	1.365	1.399	1.836	2.442	2.271	1.954	1.761	1.623	1.561	1.547	5
6	1.432	1.402	1.364	1.409	1.938	2.398	2.269	1.948	1.748	1.611	1.555	1.532	6
7	1.446	1.400	1.371	1.422	2.003	2.357	2.273	1.959	1.733	1.598	1.556	1.527	7
8	1.444	1.395	1.373	1.433	2.013	2.328	2.268	1.954	1.730	1.590	1.545	1.524	8
9	1.442	1.409	1.373	1.445	2.003	2.301	2.273	1.946	1.721	1.582	1.544	1.522	9
10	1.435	1.416	1.380	1.453	1.989	2.313	2.283	1.941	1.720	1.584	1.541	1.514	10
11	1.434	1.417	1.378	1.458	1.979	2.390	2.280	1.940	1.711	1.579	1.557	1.506	11
12	1.432	1.409	1.374	1.470	1.978	2.424	2.303	1.942	1.711	1.582	1.599	1.502	12
13	1.431	1.399	1.371	1.477	1.972	2.391	2.336	1.950	1.706	1.576	1.669	1.496	13
14	1.435	1.400	1.368	1.484	1.966	2.351	2.329	1.968	1.701	1.567	1.731	1.487	14
15	1.434	1.401	1.366	1.498	1.957	2.331	2.290	1.979	1.696	1.560	1.763	1.487	15
16	1.428	1.391	1.362	1.516	1.959	2.336	2.247	1.979	1.694	1.550	1.767	1.489	16
17	1.423	1.384	1.363	1.534	1.964	2.363	2.205	1.977	1.701	1.544	1.757	1.499	17
18	1.416	1.387	1.362	1.562	1.979	2.364	2.163	1.957	1.708	1.538	1.740	1.491	18
19	1.411	1.382	1.362	1.597	1.997	2.376	2.122	1.939	1.705	1.527	1.732	1.480	19
20	1.408	1.387	1.366	1.645	2.009	2.380	2.082	1.921	1.696	1.519	1.716	1.467	20
21	1.415	1.393	1.368	1.700	2.022	2.388	2.047	1.903	1.688	1.520	1.699	1.456	21
22	1.418	1.394	1.368	1.749	2.047	2.407	2.028	1.907	1.684	1.515	1.685	1.453	22
23	1.423	1.391	1.363	1.792	2.065	2.487	2.021	1.910	1.679	1.508	1.677	1.448	23
24	1.428	1.390	1.365	1.835	2.085	2.545	2.021	1.906	1.676	1.503	1.661	1.450	24
25	1.429	1.382	1.367	1.871	2.142	2.540	2.026	1.884	1.677	1.508	1.639	1.451	25
26	1.424	1.382	1.365	1.876	2.227	2.515	2.033	1.869	1.676	1.536	1.630	1.457	26
27	1.421	1.378	1.366	1.870	2.274	2.476	2.049	1.837	1.674	1.557	1.620	1.461	27
28	1.428	1.377	1.366	1.853	2.303	2.427	2.052	1.807	1.665	1.572	1.607	1.448	28
29	1.427		1.370	1.833	2.366	2.390	2.046	1.784	1.652	1.583	1.597	1.444	29
30	1.418		1.366	1.811	2.466	2.361	2.032	1.773	1.640	1.590	1.585	1.449	30
31	1.412		1.368		2.487		2.025	1.783		1.590		1.450	31
MEAN	1.428	1.396	1.368	1.584	2.039	2.409	2.185	1.923	1.711	1.567	1.635	1.493	MEAN
MAX	1.446	1.417	1.380	1.876	2.487	2.545	2.359	2.022	1.804	1.628	1.767	1.573	MAX
MIN	1.408	1.377	1.362	1.373	1.791	2.301	2.021	1.773	1.640	1.503	1.541	1.444	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 1.730
MAXIMUM DAILY, 2.545 ON JUN 24
MINIMUM DAILY, 1.362 ON MAR 16
MAXIMUM INSTANTANEOUS,
2.560 AT 07:05 PST ON JUN 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 35 N
LONG 120 11 30 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

CLEARWATER RIVER AT OUTLET OF CLEARWATER LAKE - STATION NO. 08LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.8	26.0	21.6	21.5	124	525	436	226	126	70.8	59.3	56.4	1
2	29.1	26.4	21.2	21.7	122	518	429	222	127	68.0	57.8	54.3	2
3	29.8	25.7	21.0	22.5	122	508	420	210	124	65.3	56.9	52.8	3
4	30.3	26.0	20.7	23.8	124	508	402	199	118	69.7	56.4	51.7	4
5	29.4	25.6	20.5	24.9	140	495	378	192	112	69.5	53.8	50.4	5
6	29.2	25.2	20.4	26.1	184	463	377	189	108	66.1	52.2	47.2	6
7	31.1	25.0	21.2	27.9	216	435	380	194	103	62.6	52.5	46.2	7
8	30.9	24.3	21.4	29.3	222	416	376	192	102	60.6	49.9	45.5	8
9	30.6	26.2	21.5	31.0	216	398	380	188	99.0	58.7	49.8	45.4	9
10	29.6	27.1	22.4	32.3	209	406	386	186	98.5	59.2	49.1	43.4	10
11	29.4	27.2	22.1	33.2	204	458	384	185	95.6	57.9	52.7	41.8	11
12	29.1	26.2	21.6	35.3	203	482	399	186	95.7	58.7	63.2	40.9	12
13	29.0	24.9	21.2	36.4	201	458	421	190	94.1	57.1	82.7	39.7	13
14	29.6	25.0	20.9	37.6	198	431	416	199	92.4	55.0	102	38.1	14
15	29.4	25.1	20.6	40.1	193	418	390	204	90.7	53.3	113	38.1	15
16	28.6	23.8	20.1	43.8	195	421	362	204	90.3	51.1	114	38.5	16
17	28.0	22.9	20.2	47.7	197	439	335	203	92.5	49.7	111	40.3	17
18	27.0	23.3	20.1	51.9	204	440	309	193	94.7	48.5	105	38.8	18
19	26.4	22.7	20.0	62.4	213	448	284	185	93.6	46.2	103	36.8	19
20	26.1	23.3	20.6	75.8	219	451	260	176	90.7	44.5	97.4	34.7	20
21	26.9	24.2	20.9	92.2	226	456	240	167	88.4	44.7	91.8	32.8	21
22	27.3	24.3	20.9	108	240	469	230	169	87.1	43.6	87.4	32.2	22
23	28.0	23.9	20.2	123	250	529	226	171	85.6	42.1	85.1	31.5	23
24	28.7	23.6	20.5	139	262	573	226	169	84.8	41.2	80.3	31.8	24
25	28.8	22.6	20.7	154	296	569	228	159	85.2	42.2	74.0	32.0	25
26	28.2	22.6	20.5	156	350	550	233	153	84.8	48.0	71.3	33.1	26
27	28.0	22.2	20.6	154	380	520	241	140	84.2	52.6	68.5	33.7	27
28	28.6	22.0	20.5	147	399	484	243	128	81.5	56.4	65.0	31.6	28
29	28.5		21.0	139	441	457	240	120	77.7	58.9	62.4	31.0	29
30	27.4		20.5	130	513	438	232	116	74.3	60.5	59.4	31.6	30
31	26.6		20.8		528		228	119		60.6		31.8	31
TOTAL	889.4	687.0	646.4	2 069.4	7 591	14 163	10 091	5 534	2 881.4	1 723.3	2 226.9	1 233.8	TOTAL
MEAN	28.7	24.5	20.9	69.0	245	472	326	179	96.0	55.6	74.2	39.8	MEAN
MAX	31.1	27.2	22.4	156	528	573	436	226	127	70.8	114	56.4	MAX
MIN	26.1	22.0	20.0	21.5	122	398	226	116	74.3	41.2	49.1	31.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 136
MAXIMUM DAILY, 573 ON JUN 24
MINIMUM DAILY, 20.0 ON MAR 19
MAXIMUM INSTANTANEOUS,
585 AT 07:05 PST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 20 N
LONG 120 11 30 W
DRAINAGE AREA, 2 950 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	76 800	JUL	872 000
FEB	59 400	AUG	478 000
MAR	55 800	SEP	249 000
APR	179 000	OCT	149 000
MAY	656 000	NOV	192 000
JUN	1 220 000	DEC	107 000

TOTAL DISCHARGE, 4 290 000 dam³

CLEARWATER RIVER NEAR CLEARWATER STATION - STATION NO. 08LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	66.9	57.5B	47.0B	51.8	325	899	723	324	180	93.9	88.7	106	1
2	66.1	58.0B	46.0B	54.3	330	889	711	316	181	90.1	86.9	103	2
3	67.0	57.0B	45.5B	57.1	329	879	721	302	175	87.2	86.2	101	3
4	68.7	56.5B	45.0B	60.6	343	887	687	288	168	98.2	86.5	99.4	4
5	67.8	56.0B	44.5B	64.2	379	876	648	276	159	108	84.1	96.9	5
6	66.9	55.0B	44.3B	68.6	454	836	646	269	151	99.6	80.3	93.6	6
7	67.7	54.0B	45.1	73.4	492	810	650	267	145	93.5	81.1	90.5	7
8	68.0	54.0B	45.9	78.5	490	793	628	265	139	89.7	80.5	88.4	8
9	68.1	56.0B	45.4	81.2	480	759	625	258	136	89.8	79.6	87.4	9
10	67.7	57.0B	46.4	81.8	465	769	613	253	133	93.9	79.0	86.4	10
11	64.7	56.5B	45.7	83.1	460	875	602	248	131	91.1	90.8	83.1	11
12	65.1	56.0B	45.1	87.5	461	917	607	246	127	92.0	121	76.8	12
13	66.3	54.0B	44.3	95.7	455	891	622	250	124	90.4	141	78.4	13
14	66.6	54.5B	44.6	102	446	854	608	259	124	87.9	164	75.7	14
15	65.0	55.0B	44.1	111	438	840	580	264	122	85.8	175	74.4	15
16	65.1	53.0B	43.8	121	436	843	550	263	120	83.0	177	72.5	16
17	63.6	51.0B	43.7	134	441	856	519	260	122	78.5	174	67.0B	17
18	60.7	50.0B	44.4	149	451	858	485	248	123	78.5	169	69.0B	18
19	59.0	50.0B	45.8	170	463	862	457	238	122	75.9	162	64.0B	19
20	62.2	50.5B	46.9	204	471	860	427	230	119	73.7	158	62.0B	20
21	60.5	51.5B	48.5	243	482	858	399	221	116	73.9	149	60.0B	21
22	61.9	52.0B	48.6	271	500	866	376	219	115	73.3	145	58.0B	22
23	62.1	51.5B	47.1	299	516	912	366	222	112	70.6	143	55.0B	23
24	61.2	51.0B	47.0	341	533	941	362	221	111	70.2	141	54.5B	24
25	62.7	50.5B	47.3	365	590	925	357	212	110	70.9	132	54.0B	25
26	62.3	49.0B	47.2	368	670	902	355	207	109	75.4	121	54.5B	26
27	61.0	48.5B	46.6	370	706	863	356	195	108	81.8	121	55.0B	27
28	61.2	48.0B	46.5	360	735	816	356	180	105	85.8	117	55.5B	28
29	61.9		47.0	346	796	775	349	166	101	88.9	114	55.0B	29
30	60.5		47.8	332	906	742	340	166	96.1	91.3	109	54.0B	30
31	58.0B		49.2		911		331	174		91.1		53.5B	31
TOTAL	1 986.5	1 493.5	1 426.3	5 223.8	15 954	25 653	16 056	7 507	3 884.1	2 653.9	3 656.7	2 286.5	TOTAL
MEAN	64.1	53.3	46.0	174	515	855	518	242	129	85.6	122	73.8	MEAN
MAX	68.7	58.0	49.2	370	911	941	723	324	181	108	177	106	MAX
MIN	58.0	48.0	43.7	51.8	325	742	331	166	96.1	70.2	79.0	53.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 240
MAXIMUM DAILY, 941 ON JUN 24
MINIMUM DAILY, 43.7 ON MAR 17
MAXIMUM INSTANTANEOUS,
946 AT 06:30 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 20 N
LONG 120 03 55 W
DRAINAGE AREA, 10 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	172 000	JUL	1 390 000
FEB	129 000	AUG	649 000
MAR	123 000	SEP	336 000
APR	451 000	OCT	229 000
MAY	1 380 000	NOV	316 000
JUN	2 220 000	DEC	198 000

TOTAL DISCHARGE, 7 590 000 dam³

COAL RIVER AT THE MOUTH - STATION NO. 10BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.9B	22.3B	22.7B	25.0B	59.8	903E	290	78.8	69.1	70.6	34.5B	23.2B	1
2	25.9B	22.2B	22.9B	24.9B	76.8	730E	298	80.5	70.2	70.9	30.0B	24.2B	2
3	26.1B	22.4B	23.1B	25.0B	84.1	557E	249	83.1	68.4	68.7	27.0B	26.0B	3
4	25.2B	22.7B	23.4B	25.2B	97.0	384A	221	84.8	68.6	68.1	26.9B	27.1B	4
5	22.6B	22.8B	23.7B	25.8B	119	340	204	82.7	73.2	67.6	28.5B	27.8B	5
6	23.2B	22.8B	23.8B	25.7B	155	325	188	80.2	88.8	67.1	32.0B	28.7B	6
7	23.5B	22.8B	23.5B	25.2B	207	321	170	86.4	89.9	62.8	34.5B	30.5B	7
8	23.1B	22.7B	22.9B	24.9B	199	309	158	127	81.2	58.2	35.0B	31.3B	8
9	23.6B	22.5B	22.2B	25.0B	173	303	152	180	75.4	60.4	33.2B	31.1B	9
10	24.1B	22.5B	22.3B	25.2B	187	286	144	152	72.3	63.3	32.3B	30.8B	10
11	23.6B	22.6B	22.2B	25.6B	181	263	138	126	69.0	65.3	32.5B	29.9B	11
12	23.3B	22.5B	22.5B	25.9B	167	255	131	112	67.3	59.4	32.9B	29.8B	12
13	23.5B	22.5B	23.6B	26.3B	173	251	125	102	65.4	58.3	33.1B	29.0B	13
14	24.0B	22.3B	23.8B	27.0B	190	247	125	95.0	63.7	56.4	33.5B	28.7B	14
15	24.1B	22.1B	24.4B	27.6B	202	245	154	90.5	62.4	50.4	33.4B	28.2B	15
16	24.0B	22.2B	24.5B	28.2B	206	238	147	85.6	62.2	46.8	33.5B	27.5B	16
17	23.6B	22.6B	23.9B	29.0B	226	234	134	80.4	62.1	42.5	33.7B	27.0B	17
18	23.3B	22.9B	23.7B	30.0B	240	216	130	78.2	61.2	42.2	33.9B	26.4B	18
19	23.1B	23.0B	23.6B	30.8B	253	202	125	74.0	61.5	40.0	34.0B	26.6B	19
20	23.6B	22.9B	23.2B	32.3B	258	185	118	72.9	62.3	37.7	34.0B	26.2B	20
21	23.9B	22.6B	22.9B	32.8B	246	172	115	72.6	63.4	37.2B	32.8B	26.5B	21
22	24.1B	22.3B	23.0B	32.7B	250	162	111	74.6	63.0	37.0B	31.0B	27.3B	22
23	24.0B	22.6B	23.2B	32.6B	267	157	107	75.5	61.6	36.6B	29.7B	26.3B	23
24	23.9B	22.5B	23.7B	32.3B	272	172	112	79.7	61.0	35.5B	29.0B	25.5B	24
25	23.2B	22.5B	24.0B	32.5B	250	236	114	82.3	61.3	34.5B	28.5B	26.6B	25
26	23.1B	23.0B	24.3B	33.7B	220	262	107	81.4	64.9	33.2B	28.3B	26.3B	26
27	22.9B	23.4B	25.0B	36.0B	219	303	98.0	77.7	69.8	32.5B	28.1B	26.0B	27
28	22.7B	23.5B	25.8B	39.7	239	319	89.0	73.8	68.8	31.7B	28.2B	25.4B	28
29	21.9B		26.2B	40.7	281	266	86.7	71.9	67.4	31.5B	28.1B	24.2B	29
30	21.7B		26.0B	48.1	347	259	84.0	69.9	67.1	33.0B	25.0B	23.4B	30
31	21.8B		25.9B		415 A		80.6	69.0		35.8B		22.9B	31
TOTAL	721.7	633.7	735.9	895.7	6 459.7	9 101	4 505.3	2 780.5	2 042.5	1 535.2	937.1	840.4	TOTAL
MEAN	23.3	22.6	23.7	29.9	208	303	145	89.7	68.1	49.5	31.2	27.1	MEAN
MAX	24.9	23.5	26.2	48.1	415	903	298	180	89.9	70.9	35.0	31.3	MAX
MIN	21.7	22.1	22.2	24.9	59.8	157	80.6	69.0	61.0	31.5	25.0	22.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.4
MAXIMUM DAILY, 903E ON JUN 01
MINIMUM DAILY, 21.7B ON JAN 30
MAXIMUM INSTANTANEOUS,
953 ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 41 29 N
LONG 126 57 02 W
DRAINAGE AREA, 9 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	62 400	JUL	389 000
FEB	54 800	AUG	240 000
MAR	63 600	SEP	176 000
APR	77 400	OCT	133 000
MAY	558 000	NOV	81 000
JUN	786 000	DEC	72 600

TOTAL DISCHARGE, 2 690 000 dam³

COFFEE CREEK NEAR AINSWORTH - STATION NO. 08NH101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.775	0.657	0.548	1.77	3.26	10.7	10.2	4.74	2.09	0.862	1.39	2.30	1
2	0.764	0.648	0.537	2.52	3.42	8.30	9.13	4.29	1.80	0.818	1.21	2.15	2
3	0.742	0.647	0.539	2.87	3.68	7.67	9.50	3.76	1.70	0.828	1.17	2.00	3
4	0.753	0.683	0.563	2.82	4.76	8.90	7.78	3.67	1.62	6.49	1.19	1.96	4
5	0.753	0.675	0.548	2.87	6.87	7.50	7.79	3.87	1.64	5.27	1.11	1.87	5
6	0.786	0.679	0.557	2.91	9.18	6.85	11.7	3.97	1.68	2.24	1.03	1.74	6
7	0.819	0.670	0.571	3.18	7.21	8.18	9.61	3.93	1.62	1.60	1.05	1.62	7
8	0.830	0.646	0.623	3.57	5.86	7.44	8.09	3.39	1.57	1.32	1.04	1.55	8
9	0.907	0.620	0.576	3.49	5.14	7.32	8.69	3.15	1.57	1.30	2.30	1.58	9
10	0.940B	0.662	0.600	3.12	4.85	14.4	9.15	3.18	1.58	1.45	11.9	1.59	10
11	0.950B	0.700B	0.581	2.91	5.04	12.8	9.57	3.74	1.55	1.19	10.2	1.55	11
12	0.923	0.760B	0.567	2.91	5.15	9.04	9.91	3.63	1.50	1.21	6.45	1.42	12
13	0.847	0.770	0.571	2.82	5.16	7.33	10.7	3.60	1.30	1.22	6.05	1.34	13
14	0.824	0.710B	0.570	2.91	5.05	6.86	8.77	3.58	1.17	1.13	5.68	1.31	14
15	0.803	0.640B	0.566	3.18	4.90	7.31	7.60	3.15	1.15	1.10	4.32	1.28	15
16	0.720B	0.650B	0.577	3.61	4.66	8.83	7.22	2.67	1.39	1.08	3.72	1.23	16
17	0.664B	0.669	0.588	3.99	4.62	9.74	6.44	2.42	1.17	1.04	3.15	1.22	17
18	0.720B	0.730	0.624	4.24	4.72	10.3	5.76	2.33	1.06	1.12	2.58	1.19	18
19	0.720B	0.639	0.678	4.85	4.80	10.4	5.42	2.25	1.02	1.07	2.44	1.17 B	19
20	0.710B	0.630	0.782	5.76	4.91	12.3	5.13	2.36	0.980	1.03	2.28	1.13 B	20
21	0.690B	0.603	0.840	6.42	4.79	12.1	5.08	2.71	0.948	1.07	2.09	1.06 B	21
22	0.706	0.590	0.823	6.94	4.80	12.0	5.39	2.76	0.995	1.05	2.17	1.03 B	22
23	0.709	0.589	0.790	6.93	6.36	14.7	5.33	2.51	1.01	1.03	3.82	1.00 B	23
24	0.704	0.579	0.772	6.46	8.14	16.4	5.14	1.93	1.07	1.02	7.28	0.955B	24
25	0.714	0.572	0.766	5.60	8.96	16.2	6.04	2.07	1.08	1.09	5.35	0.910B	25
26	0.691	0.550B	0.765	4.92	7.26	12.8	6.10	1.85	1.10	1.49	3.98	0.865B	26
27	0.682	0.510B	0.816	4.54	6.95	11.0	6.22	1.41	1.03	1.22	3.38	0.820B	27
28	0.686	0.487B	0.851	4.15	7.84	10.0	5.26	1.26	0.911	1.29	2.80	0.800B	28
29	0.732		0.904	3.73	10.7	9.84	4.95	1.42	0.927	1.32	2.60	0.780B	29
30	0.696		1.02	3.38	14.4	11.5	5.09	1.28	0.922	1.52	2.43	0.755B	30
31	0.676		1.26		11.2		5.25	2.59		1.65		0.730B	31
TOTAL	23.636	17.965	21.373	119.37	194.64	308.71	228.01	91.37	39.153	47.118	106.13	40.905	TOTAL
MEAN	0.763	0.642	0.690	3.98	6.28	10.3	7.36	2.95	1.31	1.52	3.54	1.32	MEAN
MAX	0.950	0.770	1.26	6.94	14.4	16.4	11.7	4.74	2.09	6.49	11.9	2.30	MAX
MIN	0.664	0.487	0.537	1.77	3.26	6.85	4.95	1.26	0.911	0.818	1.03	0.730	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.39
MAXIMUM DAILY, 16.4 ON JUN 24
MINIMUM DAILY, 0.487B ON FEB 28
MAXIMUM INSTANTANEOUS,
19.7 AT 20:00 PST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 49 N
LONG 116 55 04 W
DRAINAGE AREA, 87.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 040	JUL	19 700
FEB	1 550	AUG	7 890
MAR	1 850	SEP	3 380
APR	10 300	OCT	4 070
MAY	16 800	NOV	9 170
JUN	26 700	DEC	3 530

TOTAL DISCHARGE, 107 000 dam³

COLDSPRING CREEK NEAR 950 M CONTOUR - STATION NO. 08MC044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.014B	0.006B	0.008B	0.058	1.02	0.245	0.105	0.007	0.002	0.002	0.009	0.013B	1
2	0.014B	0.007B	0.008B	0.075	0.875	0.227	0.089	0.010	0.002	0.002	0.009	0.013B	2
3	0.014B	0.007B	0.009B	0.103	0.733	0.215	0.085	0.005	0.002	0.002	0.009	0.013B	3
4	0.014B	0.007B	0.009B	0.139	0.642	0.211	0.064	0.004	0.002	0.003	0.009B	0.014	4
5	0.014B	0.007B	0.010B	0.201	0.558	0.198	0.060	0.003	0.002	0.006	0.009B	0.014	5
6	0.015B	0.006B	0.010B	0.255	0.433	0.190	0.084	0.003	0.002	0.005	0.010	0.013	6
7	0.015B	0.006B	0.010B	0.352	0.380	0.190	0.085	0.003	0.002	0.005	0.010	0.013	7
8	0.014B	0.006B	0.010B	0.381	0.367	0.170	0.067	0.003	0.001	0.007	0.010	0.013	8
9	0.014B	0.006B	0.010B	0.297	0.364	0.167	0.054	0.003	0.001	0.008	0.010	0.013	9
10	0.012B	0.006B	0.010B	0.230	0.322	0.190	0.043	0.003	0.001	0.007	0.012	0.013	10
11	0.010B	0.007B	0.011B	0.200	0.268	0.300	0.031	0.003	0.001	0.007	0.031	0.012	11
12	0.009B	0.006B	0.011B	0.242	0.240	0.652	0.029	0.002	0.001	0.006	0.045	0.012	12
13	0.009B	0.006B	0.012B	0.277	0.214	1.26	0.024	0.003	0.001	0.006	0.034	0.012	13
14	0.010B	0.006B	0.012B	0.301	0.197	1.23	0.021	0.003	0.001	0.006	0.026	0.012	14
15	0.010B	0.005B	0.013B	0.332	0.184	1.21	0.019	0.003	0.001	0.006	0.023	0.012	15
16	0.009B	0.005B	0.014B	0.871	0.176	1.01	0.015	0.002	0.003	0.006	0.021	0.011	16
17	0.008B	0.005B	0.015B	2.08	0.190	0.843	0.013	0.002	0.002	0.006	0.019	0.010B	17
18	0.008B	0.006B	0.017B	3.00	0.214	0.695	0.013	0.002	0.002	0.006	0.017	0.009B	18
19	0.008B	0.007B	0.023B	3.39	0.246	0.624	0.011	0.002	0.002	0.006	0.016	0.008B	19
20	0.008B	0.008B	0.030B	3.30	0.319	0.545	0.010	0.002	0.002	0.007	0.015	0.007B	20
21	0.009B	0.009B	0.033B	3.11	0.374	0.473	0.010	0.002	0.002	0.008	0.013	0.008B	21
22	0.009B	0.009B	0.032B	2.55	0.364	0.424	0.009	0.002	0.002	0.009	0.013	0.009B	22
23	0.009B	0.009B	0.030B	2.01	0.356	0.358	0.009	0.003	0.002	0.009	0.012B	0.010B	23
24	0.009B	0.009B	0.029B	1.95	0.333	0.302	0.010	0.003	0.002	0.009	0.012B	0.011B	24
25	0.009B	0.010B	0.028B	1.81	0.348	0.249	0.009	0.003	0.002	0.011	0.012B	0.012B	25
26	0.008B	0.009B	0.027B	1.54	0.315	0.218	0.007	0.002	0.001	0.010	0.012B	0.013B	26
27	0.008B	0.009B	0.028	1.67	0.327	0.185	0.007	0.002	0.002	0.009	0.012B	0.014B	27
28	0.008B	0.009B	0.029	1.74	0.312	0.166	0.006	0.002	0.001	0.008	0.013B	0.013B	28
29	0.007B		0.033	1.47	0.300	0.155	0.006	0.002	0.001	0.008	0.014B	0.012B	29
30	0.007B		0.039	1.16	0.257	0.133	0.006	0.002	0.001	0.008	0.013B	0.012B	30
31	0.006B		0.054		0.256		0.008	0.002		0.008		0.013B	31
TOTAL	0.318	0.198	0.614	35.094	11.484	13.035	1.009	0.093	0.049	0.206	0.470	0.364	TOTAL
MEAN	0.010	0.007	0.020	1.17	0.371	0.435	0.033	0.003	0.002	0.007	0.016	0.012	MEAN
MAX	0.015	0.010	0.054	3.39	1.02	1.26	0.105	0.010	0.003	0.011	0.045	0.014	MAX
MIN	0.006	0.005	0.008	0.058	0.176	0.133	0.006	0.002	0.001	0.002	0.009	0.007	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.172
MAXIMUM DAILY, 3.39 ON APR 19
MINIMUM DAILY, 0.001 ON SEP 08
MAXIMUM INSTANTANEOUS,
5.00 AT 11:47 PST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 35 N
LONG 121 41 10 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27.5	JUL	87.2
FEB	17.1	AUG	8.04
MAR	53.0	SEP	4.23
APR	3 030	OCT	17.8
MAY	992	NOV	40.6
JUN	1 130	DEC	31.4

TOTAL DISCHARGE, 5 440 dam³

COLDSTREAM CREEK ABOVE MUNICIPAL INTAKE - STATION NO. 08NM142

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.067E	0.059	0.058	0.385	0.564	0.741E	0.645E	0.166E	0.097	0.043	0.058	0.068	1
2	0.066	0.059E	0.059E	0.527	0.553E	0.800E	0.665E	0.159	0.090E	0.042	0.056E	0.070E	2
3	0.066E	0.060	0.060	0.670E	0.541	1.53 E	0.711	0.153E	0.083E	0.053E	0.054E	0.071E	3
4	0.065	0.060E	0.061E	0.545	0.536E	2.25	0.600E	0.147	0.076	0.065	0.052	0.073	4
5	0.066E	0.060E	0.061E	0.567	0.530	1.68	0.506	0.140E	0.072E	0.057E	0.051E	0.072E	5
6	0.066	0.061	0.062	0.670E	0.519E	1.37	0.620E	0.133E	0.069	0.049	0.051	0.071	6
7	0.067E	0.060E	0.069E	0.707E	0.509E	1.75	0.593	0.127	0.065E	0.051E	0.051E	0.070E	7
8	0.068E	0.059	0.076	0.739E	0.498	1.43	0.520E	0.124E	0.061	0.054E	0.052	0.068	8
9	0.069	0.060E	0.073E	0.771E	0.481E	1.32	0.455E	0.122	0.060E	0.056	0.075E	0.069E	9
10	0.065E	0.061	0.069	0.760E	0.463	1.37 E	0.407	0.117E	0.058E	0.057E	0.108	0.068E	10
11	0.017	0.060E	0.068E	0.681E	0.459E	1.42	0.375E	0.112	0.057	0.057	0.146E	0.071	11
12	0.030E	0.060E	0.068E	0.676E	0.455	3.50	0.349	0.106E	0.056E	0.057E	0.136E	0.069E	12
13	0.068	0.059E	0.067	0.670E	0.441E	4.04	0.332E	0.100E	0.055	0.058	0.127	0.068	13
14	0.067E	0.059E	0.068E	0.673E	0.426E	2.78	0.315	0.094	0.053E	0.056E	0.118E	0.067E	14
15	0.067E	0.058	0.069	0.676E	0.412	2.79	0.300E	0.090E	0.051	0.054E	0.108	0.067	15
16	0.066	0.058E	0.070E	0.700E	0.398E	2.65	0.288E	0.086	0.054E	0.052E	0.100E	0.068E	16
17	0.066E	0.057	0.071	0.723E	0.383	2.22	0.276	0.090E	0.057E	0.050	0.091	0.069E	17
18	0.019	0.057E	0.090E	0.814E	0.384E	1.74	0.265E	0.093	0.060	0.052	0.090E	0.071	18
19	0.040E	0.057E	0.110E	0.905E	0.385	1.69	0.255	0.090E	0.057E	0.051E	0.089E	0.065E	19
20	0.048	0.057	0.128	0.919E	0.370E	1.40	0.249E	0.087E	0.054	0.050	0.088E	0.058	20
21	0.054E	0.056E	0.145E	0.899E	0.355E	1.23	0.244	0.085	0.053E	0.053E	0.087	0.056E	21
22	0.060E	0.055	0.139	0.879E	0.340	1.09	0.239E	0.086E	0.052	0.060E	0.087E	0.045	22
23	0.066	0.055E	0.105E	0.892E	0.396E	0.984	0.234E	0.087	0.050E	0.058	0.086	0.047E	23
24	0.064E	0.056	0.085	0.850E	0.452	0.925E	0.229	0.087E	0.048E	0.063E	0.090E	0.050E	24
25	0.062	0.057E	0.098E	0.800E	0.506E	0.887	0.225E	0.088	0.047	0.067	0.093	0.055E	25
26	0.060E	0.058E	0.114E	0.815E	0.560	0.792	0.222	0.086E	0.045E	0.063E	0.092E	0.060E	26
27	0.059	0.059	0.136	0.829E	0.559E	0.777E	0.211E	0.085E	0.044	0.060	0.092	0.067	27
28	0.059E	0.058E	0.148E	0.762E	0.557E	0.765	0.201	0.084	0.046E	0.059E	0.088E	0.067E	28
29	0.058E		0.163	0.696E	0.556	0.665E	0.192E	0.079E	0.047	0.059E	0.085	0.064E	29
30	0.058		0.210E	0.630E	0.619E	0.625	0.183E	0.174	0.040E	0.058	0.075E	0.061E	30
31	0.058E		0.293		0.681E		0.174	0.125E		0.058E		0.059	31
TOTAL	1.811	1.635	3.093	21.830	14.888	47.211	11.080	3.402	1.757	1.722	2.576	2.004	TOTAL
MEAN	0.058	0.058	0.100	0.728	0.480	1.57	0.357	0.110	0.059	0.056	0.086	0.065	MEAN
MAX	0.069	0.061	0.293	0.919	0.681	4.04	0.711	0.174	0.097	0.067	0.146	0.073	MAX
MIN	0.017	0.055	0.058	0.385	0.340	0.625	0.174	0.079	0.040	0.042	0.051	0.045	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.310
MAXIMUM DAILY, 4.04 ON JUN 13
MINIMUM DAILY, 0.017 ON JAN 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 28 N
LONG 119 04 55 W
DRAINAGE AREA, 58.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	156	JUL	957
FEB	141	AUG	294
MAR	267	SEP	152
APR	1 890	OCT	149
MAY	1 290	NOV	223
JUN	4 080	DEC	173

TOTAL DISCHARGE, 9 770 dam³

COLDWATER RIVER AT MERRITT - STATION NO. 08LG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.60B	0.995B	1.25B	6.02	13.4	27.9	15.2	1.82	2.48	0.573	7.18	12.0	1
2	5.55B	0.900B	1.20B	7.67	13.2	22.4	14.0	1.73	1.88	0.581	6.02	10.9	2
3	5.45B	1.00 B	1.18B	11.4	14.1	24.3	14.7	1.60	1.52	0.826	5.66	9.76	3
4	5.35B	1.20 B	1.40B	12.4	15.8	28.3	12.9	1.49	1.20	1.00	5.23	12.0	4
5	2.37B	1.40 B	1.80B	11.9	24.4	25.3	10.9	1.41	1.08	30.2	5.56	16.7	5
6	2.55B	1.60 B	2.05B	12.3	38.2	21.7	13.6	1.31	0.934	10.3	5.00	12.4	6
7	3.10B	1.80 B	2.19	13.5	27.6	27.1	17.4	1.19	0.831	6.55	4.63	10.6	7
8	3.50B	2.05 B	1.97	15.8	21.5	23.8	14.4	1.14	0.805	5.22	4.43	9.97	8
9	3.10B	2.15 B	1.97	15.9	18.0	19.9	12.5	1.00	0.724	4.33	4.83	11.0	9
10	2.70B	2.25 B	2.05B	13.0	16.7	34.9	11.1	0.940	0.665	4.62	76.3	9.80	10
11	2.56B	2.30 B	2.00B	12.7	18.0	27.3	10.0	0.930	0.629	7.17	107	9.33	11
12	2.70B	2.30 B	1.87	12.7	19.2	23.4	10.1	0.951	0.601	5.64	62.3	8.54	12
13	3.00B	2.05 B	1.96	13.9	20.4	21.3	9.39	0.941	0.588	5.77	62.9	7.94	13
14	3.50B	1.80 B	1.93	14.0	19.2	21.2	7.87	0.829	0.574	5.28	38.2	7.00B	14
15	3.50B	1.60 B	1.91	16.0	18.5	25.1	7.10	0.784	0.575	4.51	25.2	6.00B	15
16	2.60B	1.50 B	1.98	17.2	17.6	33.3	6.26	0.749	0.645	4.17	20.2	5.40B	16
17	2.10B	1.30 B	2.07	22.6	19.6	30.0	5.09	0.663	0.854	3.81	17.8	4.60B	17
18	1.70B	1.10 B	2.29	25.4	19.1	31.9	4.15	0.685	1.44	3.47	15.6	3.90B	18
19	1.20B	0.900B	2.89	26.6	20.4	28.1	3.89	0.849	1.16	3.45	13.2	3.50B	19
20	1.20B	0.800B	3.12	27.9	20.4	27.2	3.52	0.935	0.963	3.36	11.5	3.10B	20
21	1.40B	0.850B	3.52	31.5	19.7	27.4	3.30	0.850	0.883	3.14	10.5	2.70B	21
22	2.00B	0.950B	3.69	31.6	20.0	29.9	3.07	0.957	0.811	4.75	10.4	2.40B	22
23	2.30B	1.05 B	3.02	28.7	20.7	31.3	2.85	1.10	0.722	4.52	12.2	2.40B	23
24	2.70B	1.15 B	2.94	28.7	19.9	28.0	2.60	1.10	0.648	3.76	66.6	2.60B	24
25	2.90B	1.20 B	3.04	24.6	19.4	26.2	2.67	1.10	0.620	3.40	30.0	2.80B	25
26	2.20B	1.30 B	3.28	20.9	18.9	23.1	2.74	1.08	0.593	28.3	20.9	2.70B	26
27	2.20B	1.38 B	3.13	17.8	19.9	18.4	3.48	1.16	0.544	15.5	18.7	2.50B	27
28	2.00B	1.30 B	3.26	17.8	26.1	15.5	2.69	0.992	0.523	11.9	16.7	2.30B	28
29	1.50B		3.58	14.9	36.3	15.6	2.39	0.863	0.580	12.8	14.6	2.10B	29
30	1.30B		4.06	12.6	32.5	17.8	2.23	0.863	0.500	9.73	13.4	2.15B	30
31	1.09B		4.95		31.6		1.97	1.05		8.27		2.20B	31
TOTAL	72.92	40.175	77.55	537.99	660.3	757.6	234.06	33.061	26.572	216.900	712.74	201.29	TOTAL
MEAN	2.35	1.43	2.50	17.9	21.3	25.3	7.55	1.07	0.886	7.00	23.8	6.49	MEAN
MAX	3.50	2.30	4.95	31.6	36.3	34.9	17.4	1.82	2.48	30.2	107	16.7	MAX
MIN	1.09	0.800	1.18	6.02	13.2	15.5	1.97	0.663	0.500	0.573	4.43	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.78
MAXIMUM DAILY, 107 ON NOV 11
MINIMUM DAILY, 0.500 ON SEP 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 06 35 N
LONG 120 48 10 W
DRAINAGE AREA, 914 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 300	JUL	20 200
FEB	3 470	AUG	2 860
MAR	6 700	SEP	2 300
APR	46 500	OCT	18 700
MAY	57 000	NOV	61 600
JUN	65 500	DEC	17 400

TOTAL DISCHARGE, 309 000 dam³

COLDWATER RIVER NEAR BROOKMERE - STATION NO. 08LG048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.65 B	0.700B	1.05B	6.01	10.5	20.8	13.8	1.94	2.31	0.759	6.62	12.8	1
2	1.50 B	0.750B	1.00B	8.03	10.8	18.3	14.6	1.85	1.62	1.08	5.74	11.9	2
3	1.25 B	0.850B	1.05B	9.45	11.6	21.8	13.6	1.73	1.36	1.17	5.23	11.0	3
4	1.00 B	0.900B	1.25B	9.46	14.1	23.8	12.4	1.61	1.21	30.5	5.23	17.1	4
5	1.05 B	1.00 B	1.50B	9.69	23.8	19.0	12.3	1.49	1.17	16.8	5.14	12.3	5
6	1.40 B	1.15 B	1.70B	10.5	31.6	18.9	15.7	1.38	1.08	7.90	4.21	10.7	6
7	2.00 B	1.30 B	1.75B	11.6	21.4	21.5	16.7	1.30	1.00	5.36	4.15	9.77	7
8	2.70 B	1.45 B	1.70B	12.7	17.1	18.5	12.4	1.23	0.937	4.00	4.02	9.76	8
9	2.15 B	1.60 B	1.68	11.3	15.2	18.6	11.2	1.14	0.906	3.59	18.8	9.98	9
10	1.60 B	1.80 B	1.65	10.2	15.0	29.4	10.2	1.13	0.878	7.04	101	9.11	10
11	1.37 B	2.00 B	1.58	9.65	16.4	21.0	9.89	1.29	0.897	5.88	80.8	8.63	11
12	1.45 B	2.00 B	1.54	10.5	17.1	18.4	10.3	1.20	0.911	5.11	43.6	8.25	12
13	1.90 B	1.70 B	1.54	11.1	17.0	17.7	9.07	1.08	0.920	5.21	60.7	7.80	13
14	2.50 B	1.40 B	1.58	11.3	16.2	16.1	8.11	1.04	0.915	4.17	33.4	6.60B	14
15	2.50 B	1.30 B	1.56	13.3	15.9	23.7	6.57	1.01	0.948	3.64	25.6	5.80B	15
16	2.10 B	1.10 B	1.59	15.8	16.3	27.8	5.65	0.954	1.31	3.39	20.8	5.00B	16
17	1.70 B	0.950B	1.78	19.7	17.2	25.2	4.77	0.960	2.00	3.14	18.1	4.10B	17
18	1.25 B	0.800B	2.03	20.8	17.0	25.7	4.16	1.16	1.54	3.14	15.2	3.50B	18
19	0.900B	0.600B	2.36	20.3	16.3	23.3	3.78	1.16	1.28	3.23	13.3	3.00B	19
20	0.800B	0.700B	2.65	22.6	17.3	22.8	3.58	1.03	1.15	2.88	11.6	2.60B	20
21	1.00 B	0.750B	2.98	25.2	16.6	24.0	3.42	1.04	1.06	3.24	8.93	2.30B	21
22	1.25 B	0.850B	2.87	23.8	18.1	27.1	3.09	1.25	0.967	4.40	9.91	2.10B	22
23	1.80 B	0.900B	2.66	22.6	18.1	27.8	2.89	1.27	0.913	3.61	33.1	2.10B	23
24	2.15 B	0.950B	2.47	21.8	16.8	23.0	2.77	1.16	0.862	3.29	54.3	2.30B	24
25	2.40 B	0.990B	2.52	18.0	15.5	20.4	2.73	1.08	0.841	11.7	27.8	2.60B	25
26	2.00 B	1.05 B	2.56	15.3	15.3	18.2	3.74	1.19	0.806	24.8	21.0	2.30B	26
27	2.00 B	1.16 B	2.61	13.6	17.9	15.6	2.98	1.09	0.781	13.1	17.5	2.10B	27
28	1.80 B	1.10 B	2.79	12.5	24.0	15.0	2.56	0.970	0.766	15.1	15.6	1.80B	28
29	1.60 B		3.13	11.1	31.2	14.7	2.31	0.933	0.738	11.5	15.4	1.60B	29
30	1.30 B		3.71	10.3	25.9	15.8	2.03	1.08	0.691	9.33	13.9	1.65B	30
31	1.23 B		4.83		25.4		2.03	2.21		7.67		1.70B	31
TOTAL	51.300	31.800	65.67	428.19	562.6	635.9	229.43	38.957	32.767	225.729	700.68	192.25	TOTAL
MEAN	1.65	1.14	2.12	14.3	18.1	21.2	7.40	1.26	1.09	7.28	23.4	6.20	MEAN
MAX	2.70	2.00	4.83	25.2	31.6	29.4	16.7	2.21	2.31	30.5	101	17.1	MAX
MIN	0.800	0.600	1.00	6.01	10.5	14.7	2.03	0.933	0.691	0.759	4.02	1.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.75
MAXIMUM DAILY, 101 ON NOV 10
MINIMUM DAILY, 0.600B ON FEB 19
MAXIMUM INSTANTANEOUS,
159E AT 17:29 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 20 N
LONG 120 54 27 W
DRAINAGE AREA, 316 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 430	JUL	19 800
FEB	2 750	AUG	3 370
MAR	5 670	SEP	2 830
APR	37 000	OCT	19 500
MAY	48 600	NOV	60 500
JUN	54 900	DEC	16 600

TOTAL DISCHARGE, 276 000 dam³

COLQUITZ RIVER AT VIOLET AVENUE - STATION NO. 08HA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.507	2.21	0.748	0.259	0.274	0.117	0.101	0.157	0.170	0.078	0.231	2.88	1
2	0.437	2.37	0.629	0.256	0.225	0.119	0.145	0.151	0.123	0.059	0.211	2.65	2
3	0.555	2.67	0.581	0.257	0.192	0.209	0.112	0.151	0.112	0.307	0.721	3.11	3
4	1.15	2.33	0.524	0.247	0.191	0.442	0.116	0.149	0.102	0.555	0.448	5.94	4
5	1.46	2.46	0.509	0.246	0.165	0.314	0.121	0.145	0.112	0.180	0.324	6.52	5
6	1.89	2.48	0.877	0.247	0.158	0.277	0.185	0.138	0.101	0.121	0.296	5.12	6
7	2.83	2.46	0.926	0.229	0.166	0.206	0.127	0.135	0.093	0.107	0.556	3.93	7
8	2.54	2.52	0.822	0.208	0.177	0.261	0.120	0.117	0.090	0.102	0.504	3.80	8
9	2.96	2.68	0.745	0.206	0.162	0.248	0.119	0.100	0.087	0.124	4.18	5.92	9
10	2.77	3.18	0.708	0.199	0.148	0.277	0.127	0.096	0.085	0.096	9.53	5.71	10
11	2.36	3.62	0.690	0.180	0.143	0.213	0.183	0.092	0.083	0.172	8.51	4.52	11
12	1.99	3.30	0.638	0.187	0.140	0.179	0.216	0.087	0.087	0.226	5.71	3.62	12
13	1.56	2.81	0.576	0.217	0.161	0.164	0.220	0.085	0.078	0.139	6.32	3.07	13
14	1.28	2.37	0.566	0.253	0.125	0.170	0.224	0.083	0.074	0.440	5.20	2.73	14
15	1.06	2.38	0.731	0.250	0.122	0.154	0.217	0.083	0.116	0.602	3.82	2.45	15
16	0.914	2.35	0.762	0.225	0.139	0.131	0.213	0.079	0.131	0.260	2.88	2.25	16
17	0.745	2.02	0.564	0.132	0.175	0.122	0.210	0.077	0.084	0.207	2.39	2.16	17
18	0.661	1.71	0.482	0.386	0.129	0.110	0.206	0.385	0.076	0.309	1.82	2.03	18
19	0.611	1.52	0.468	0.307	0.127	0.105	0.207	0.179	0.073	0.177	1.58	1.84	19
20	0.561	2.26	0.442	0.300	0.119	0.103	0.199	0.124	0.069	0.145	1.61	1.73	20
21	0.538	2.14	0.393	0.273	0.112	0.106	0.197	0.109	0.068	0.597	2.16	1.38	21
22	1.21	1.95	0.390	0.270	0.126	0.107	0.193	0.098	0.065	0.269	4.35	1.24	22
23	1.32	1.72	0.366	0.406	0.118	0.120	0.195	0.091	0.064	0.208	11.5	1.19	23
24	1.09	1.68	0.322	0.380	0.114	0.117	0.194	0.095	0.063	0.192	16.7	1.13	24
25	2.27	1.45	0.293	0.412	0.123	0.114	0.195	0.088	0.060	0.524	12.7	1.08	25
26	2.19	1.30	0.310	0.346	0.104	0.104	0.192	0.083	0.058	0.323	7.38	1.15	26
27	2.46	1.20	0.303	0.431	0.102	0.098	0.191	0.079	0.054	0.279	4.86	1.42	27
28	3.50	1.03	0.286	0.339	0.113	0.121	0.173	0.079	0.052	0.339	3.45	1.36	28
29	3.97		0.274	0.280	0.118	0.115	0.160	0.163	0.050	0.302	3.22	1.23	29
30	3.21		0.272	0.254	0.116	0.105	0.156	0.263	0.049	0.288	3.01	1.15	30
31	2.60		0.273		0.108		0.157	0.423		0.261		2.15	31
TOTAL	53.199	62.17	16.470	8.382	4.492	5.028	5.369	4.184	2.529	7.988	126.171	86.46	TOTAL
MEAN	1.72	2.22	0.531	0.279	0.145	0.168	0.173	0.135	0.084	0.258	4.21	2.79	MEAN
MAX	3.97	3.62	0.926	0.431	0.274	0.442	0.222	0.423	0.170	0.602	16.7	6.52	MAX
MIN	0.437	1.03	0.272	0.180	0.102	0.098	0.101	0.077	0.049	0.059	0.211	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 16.7 ON NOV 24
MINIMUM DAILY, 0.049 ON SEP 30
MAXIMUM INSTANTANEOUS,
17.1 AT 11:29 PST ON NOV 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 03 N
LONG 123 23 56 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 600	JUL	464
FEB	5 370	AUG	361
MAR	1 420	SEP	219
APR	724	OCT	690
MAY	308	NOV	10 900
JUN	434	DEC	7 470

TOTAL DISCHARGE, 33 000 dam³

COLUMBIA RIVER AT BIRCHBANK - STATION NO. 08NE049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 740	2 810	3 170	1 940	1 440	2 030	4 030	2 690	1 710	2 150	1 450	1 490	1
2	2 750	3 140	3 240	1 940	1 420	2 160	4 030	2 460	1 710	1 910	1 540	1 160	2
3	2 720	3 060	3 030	1 900	1 410	2 220	3 980	2 740	1 710	1 840	1 600	1 410	3
4	2 710	2 680	2 800	1 870	1 410	2 350	3 860	2 970	1 710	1 840	1 620	1 930	4
5	2 870	2 580	2 780	1 910	1 440	2 480	3 720	2 950	1 530	1 670	1 570	2 200	5
6	2 690	2 660	2 760	1 940	1 520	2 550	3 690	2 950	1 270	1 470	1 570	2 320	6
7	2 620	2 720	2 750	1 780	1 540	2 510	3 640	2 880	1 270	1 150	1 550	2 320	7
8	2 650	2 730	2 760	1 550	1 540	2 460	3 550	2 830	1 140	1 030	1 490	2 530	8
9	2 340	2 770	2 750	1 540	1 530	2 450	3 470	2 720	1 410	1 040	1 470	2 810	9
10	1 990	2 620	2 760	1 550	1 540	2 560	3 360	2 530	1 440	1 080	1 520	2 910	10
11	1 930	2 280	2 730	1 550	1 540	2 750	3 320	2 690	1 500	1 120	1 560	3 020	11
12	2 100	2 240	2 740	1 570	1 540	2 720	3 350	2 930	1 610	1 130	1 570	3 100	12
13	2 130	2 330	2 660	1 580	1 540	2 670	3 360	2 920	1 790	1 270	1 860	3 190	13
14	2 000	2 290	2 560	1 580	1 530	2 650	3 110	2 920	1 790	1 420	2 680	3 370	14
15	1 970	2 370	2 510	1 600	1 520	2 650	2 840	2 890	1 640	1 380	2 650	3 190	15
16	2 120	2 400	2 450	1 600	1 510	2 840	2 770	2 880	1 610	1 510	2 260	2 900	16
17	2 100	2 430	2 180	1 620	1 520	3 200	2 720	2 870	1 620	1 670	2 190	2 760	17
18	1 660	2 500	1 730	1 520	1 500	3 240	2 660	2 780	1 780	1 310	2 180	2 640	18
19	1 780	2 580	1 370	1 280	1 510	3 300	2 580	2 710	1 990	1 140	2 210	2 680	19
20	1 710	2 610	1 330	1 320	1 510	3 390	2 510	2 630	1 890	1 320	2 250	2 760	20
21	1 790	2 710	1 700	1 380	1 510	3 220	2 560	2 500	1 480	1 400	2 210	2 750	21
22	2 100	2 710	1 880	1 460	1 500	3 420	2 590	2 510	1 180	1 430	1 920	2 940	22
23	2 180	2 540	1 910	1 610	1 550	3 500	2 610	2 510	1 010	1 370	1 840	3 180	23
24	2 280	2 610	2 070	1 590	1 580	3 570	2 450	2 580	1 160	1 340	1 760	3 140	24
25	2 560	3 020	2 300	1 520	1 760	3 740	2 390	2 480	1 580	1 240	1 870	3 090	25
26	2 560	3 160	2 280	1 470	1 910	3 910	2 430	2 390	1 930	1 170	2 370	3 100	26
27	2 540	3 100	2 290	1 480	1 770	3 910	2 500	2 260	1 870	1 070	2 540	3 160	27
28	2 460	3 130	2 290	1 480	1 730	3 960	2 490	1 750	1 680	1 020	2 380	3 250	28
29	2 550		2 230	1 460	1 860	4 060	2 410	1 400	1 650	1 190	2 310	3 390	29
30	2 670		2 120	1 450	1 980	4 010	2 610	1 390	2 070	1 380	1 940	3 690	30
31	2 770		1 990		1 970		2 860	1 480		1 390		3 850	31
TOTAL	72 040	74 780	74 120	48 140	49 130	90 480	94 450	79 190	47 930	42 450	57 930	86 230	TOTAL
MEAN	2 320	2 670	2 390	1 600	1 580	3 020	3 050	2 550	1 600	1 370	1 930	2 780	MEAN
MAX	2 870	3 160	3 240	1 940	1 980	4 060	4 030	2 970	2 070	2 150	2 680	3 850	MAX
MIN	1 660	2 240	1 330	1 280	1 410	2 030	2 390	1 390	1 010	1 020	1 450	1 160	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 240
MAXIMUM DAILY, 4 060 ON JUN 19
MINIMUM DAILY, 1 010 ON SEP 23
MAXIMUM INSTANTANEOUS,
4 100 AT 03:05 PST ON JUN 29

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 40 N
LONG 117 42 59 W
DRAINAGE AREA, 88 100 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 220 000	JUL	8 160 000
FEB	6 460 000	AUG	6 840 000
MAR	6 400 000	SEP	4 140 000
APR	4 160 000	OCT	5 670 000
MAY	4 240 000	NOV	5 010 000
JUN	7 820 000	DEC	7 450 000

TOTAL DISCHARGE, 70 600 000 dam³

COLUMBIA RIVER AT DONALD - STATION NO. 08NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0B	22.2B	27.2B	54.3	119	500	796	471	201	106	68.3	54.0B	1
2	44.7B	24.5B	28.7B	56.2	116	495	777	459	194	102	66.4	52.8B	2
3	42.4B	26.0B	30.5B	60.2	115	482	760	436	188	95.0	62.5	54.0B	3
4	41.9B	29.0B	32.0B	64.3	118	485	740	416	181	95.0	58.1	57.3B	4
5	41.4B	32.1B	34.8B	65.9	135	473	702	415	176	109	57.2	59.0B	5
6	41.7B	31.5B	36.5B	66.6	176	445	713	419	174	123	57.4	58.6B	6
7	42.0B	30.0B	38.2B	68.7	202	434	746	421	175	126	55.8	56.8B	7
8	42.7B	28.2B	40.0B	70.9	203	425	729	404	177	110	55.1	56.0B	8
9	43.8B	27.8B	42.0B	70.2	197	413	705	389	176	98.1	58.6	57.2B	9
10	42.5B	29.0B	42.6B	68.0	188	421	697	384	175	93.8	61.3	59.0B	10
11	39.0B	30.8B	42.5B	65.7	181	502	693	383	177	89.7	70.2	59.8B	11
12	33.6B	32.8B	42.4B	63.3	177	512	701	384	176	87.1	92.3	58.2B	12
13	32.8B	25.0B	42.0B	62.2	175	473	718	379	169	85.0	109	57.0B	13
14	37.2B	20.0B	42.0B	62.4	175	448	715	381	163	82.6	120	49.0B	14
15	39.0B	19.3B	41.8B	64.4	173	447	684	381	162	80.2	113	41.9B	15
16	39.5B	19.0B	42.0B	67.6	171	468	669	367	164	77.3	104	40.8B	16
17	36.8B	19.1B	42.4B	73.0	170	507	661	356	168	75.5	94.0	41.8B	17
18	33.0B	20.0B	43.0B	79.1	170	539	626	349	159	73.7	86.5	40.9B	18
19	29.8B	21.0B	42.6	88.4	172	542	598	346	146	72.0	81.2	39.0B	19
20	30.2B	22.8B	43.2	99.6	176	536	567	358	134	71.3	75.8	38.2B	20
21	30.8B	25.0B	44.6	115	184	548	541	358	126	70.0	73.3	37.2B	21
22	32.8B	26.9B	44.3	127	190	574	523	344	121	68.4	69.4	37.0B	22
23	33.9B	28.1B	43.7	143	196	633	513	332	123	67.6	61.3	38.2B	23
24	33.7B	28.7B	42.6	159	219	675	518	295	128	66.5	83.0	40.3B	24
25	33.7B	28.5B	41.7	165	260	714	506	271	135	65.3	88.6	42.0B	25
26	33.8B	27.8B	41.0	160	307	737	493	257	138	67.5	84.3	42.0B	26
27	31.0B	26.8B	41.4	152	333	757	492	237	132	70.5	81.4	39.0B	27
28	30.3B	26.2B	44.0	143	358	781	484	215	126	74.3	72.8B	35.2B	28
29	32.0B		46.1	133	378	781	469	199	117	73.8	64.0B	37.8B	29
30	28.6B		48.2	124	455	780	468	198	110	71.6	57.8	39.6B	30
31	25.0B		51.5		523		470	207		70.5		40.7B	31
TOTAL	1 124.5	728.1	1 265.5	2 792.0	6 712	16 527	19 474	10 811	4 691	2 618.3	2 282.6	1 460.3	TOTAL
MEAN	36.3	26.0	40.8	93.1	217	551	628	349	156	84.5	76.1	47.1	MEAN
MAX	45.0	32.8	51.5	165	523	781	796	471	201	126	120	59.8	MAX
MIN	25.0	19.0	27.2	54.3	115	413	468	198	110	65.3	55.1	35.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 193
MAXIMUM DAILY, 796 ON JUL 01
MINIMUM DAILY, 19.0B ON FEB 16
MAXIMUM INSTANTANEOUS,
801 AT 12:58 MST ON JUL 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 00 N
LONG 117 10 45 W
DRAINAGE AREA, 9 710 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	97 200	JUL	1 680 000
FEB	62 900	AUG	934 000
MAR	109 000	SEP	405 000
APR	241 000	OCT	226 000
MAY	580 000	NOV	197 000
JUN	1 430 000	DEC	126 000

TOTAL DISCHARGE, 6 090 000 dam³

COLUMBIA RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 510	3 620	3 680	2 860	3 090	4 130	5 750	3 370	1 920	2 830	2 210	2 430	1
2	3 480	4 050	3 790	2 720	3 090	4 500	5 660	3 060	1 870	2 610	2 320	2 030	2
3	3 370	4 020	3 540	2 810	3 030	4 640	5 490	3 310	2 020	2 480	2 380	2 130	3
4	3 310	3 570	3 310	2 760	3 000	4 760	5 440	3 540	2 000	2 570	2 420	2 700	4
5	3 540	3 370	3 370	2 790	3 000	4 930	5 350	3 370	1 870	2 350	2 420	2 940	5
6	3 450	3 230	3 370	2 830	3 000	4 960	5 380	3 280	1 760	2 220	2 480	3 060	6
7	3 340	3 370	3 400	2 890	3 110	4 760	5 180	3 260	1 570	1 840	2 300	3 090	7
8	3 230	3 430	3 370	2 550	3 060	4 560	5 040	3 060	1 730	1 660	2 290	3 260	8
9	3 060	3 340	3 400	2 310	3 000	4 530	5 100	2 890	1 910	1 700	2 250	3 510	9
10	2 410	3 340	3 230	2 540	3 000	4 790	4 760	3 000	1 900	1 700	2 170	3 600	10
11	2 290	2 970	3 230	2 670	2 810	5 010	4 530	3 140	1 940	1 800	2 350	3 710	11
12	2 320	2 860	3 260	2 720	2 890	5 210	4 220	3 370	2 030	1 780	2 310	3 790	12
13	2 560	2 970	3 260	2 820	2 740	5 180	3 910	3 280	2 250	1 910	2 560	3 710	13
14	2 640	2 940	3 260	2 770	2 790	5 130	3 880	3 230	2 350	2 030	3 450	4 080	14
15	2 710	3 000	3 170	2 750	2 700	5 070	3 540	3 110	2 230	2 080	3 650	3 820	15
16	2 760	3 060	3 110	2 820	2 710	4 870	3 450	3 140	2 190	2 120	3 110	3 540	16
17	2 820	3 060	2 720	2 790	2 690	5 100	3 430	3 110	2 160	2 460	3 000	3 430	17
18	2 550	3 030	2 280	2 860	2 760	5 160	3 370	3 090	2 180	2 390	2 970	3 260	18
19	2 690	3 170	2 000	2 610	2 760	5 130	3 310	2 970	2 380	2 100	3 110	3 340	19
20	2 460	3 280	1 780	2 780	2 690	5 100	3 140	2 940	2 310	2 080	3 060	3 480	20
21	2 650	3 200	2 060	2 890	2 720	4 960	3 170	2 890	1 880	2 080	3 060	3 480	21
22	2 920	3 280	2 480	2 940	2 750	5 270	3 140	2 890	1 660	2 260	2 820	3 340	22
23	2 940	3 170	2 610	3 090	2 810	5 440	3 280	2 830	1 440	2 170	2 510	3 570	23
24	2 970	3 170	2 720	3 230	2 860	5 640	3 170	2 920	1 450	2 200	2 470	3 600	24
25	3 310	3 540	3 000	3 110	3 030	5 720	3 060	2 860	1 920	2 140	2 390	3 400	25
26	3 480	3 710	2 970	3 090	3 230	6 090	3 090	2 760	2 300	1 970	3 260	3 430	26
27	3 450	3 510	2 970	3 170	3 280	6 060	3 110	2 650	2 360	1 900	3 450	3 540	27
28	3 280	3 370	2 970	3 110	3 510	6 030	3 140	2 140	2 270	1 880	3 090	3 740	28
29	3 430		2 940	3 060	3 650	6 140	3 030	2 050	2 050	2 010	3 340	3 850	29
30	3 510		2 860	3 060	3 940	5 950	3 140	1 610	2 560	2 170	2 890	4 160	30
31	3 650		2 730		4 020		3 540	1 690		2 200		4 390	31
TOTAL	94 090	92 630	92 840	85 400	93 730	154 890	124 800	90 360	60 480	65 690	82 090	105 410	TOTAL
MEAN	3 040	3 310	2 990	2 850	3 020	5 160	4 030	2 910	2 020	2 120	2 740	3 400	MEAN
MAX	3 650	4 050	3 790	3 230	4 020	6 140	5 750	3 540	2 560	2 830	3 650	4 390	MAX
MIN	2 290	2 860	1 780	2 310	2 690	4 130	3 030	1 600	1 440	1 660	2 170	2 030	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 130
MAXIMUM DAILY, 6 140 ON JUN 29
MINIMUM DAILY, 1 440 ON SEP 23
MAXIMUM INSTANTANEOUS, 6 200 ON JUN 29

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 03 N
LONG 117 37 40 W
DRAINAGE AREA, 155 000 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 130 000	JUL	10 800 000
FEB	8 000 000	AUG	7 810 000
MAR	8 020 000	SEP	5 230 000
APR	7 380 000	OCT	5 680 000
MAY	8 100 000	NOV	7 090 000
JUN	13 400 000	DEC	9 110 000

TOTAL DISCHARGE, 98 800 000 dam³

COLUMBIA RIVER AT NICHOLSON - STATION NO. 08NA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.5	16.1B	17.5B	38.5	67.8	206	501	283	121	65.9	45.5	42.1B	1
2	33.0	16.8B	18.5B	38.1	66.4	216	492	280	116 E	62.9	44.4	44.0B	2
3	32.4	21.0B	19.5B	38.6	66.2	225	484	275	113 E	59.1	41.6	46.0B	3
4	29.9	24.0B	20.5B	40.1	67.3	234	475	271	110 E	56.5	38.9	48.0B	4
5	27.2	27.0B	21.6B	41.0	72.1	239	465	265	108 A	63.4	39.0	48.8B	5
6	28.6	27.7B	22.9B	41.1	83.7	242	450	257	105 A	86.5	40.8	48.3B	6
7	31.7	26.5B	23.9B	41.6	100	242	435	249	104	82.7	38.5	46.8B	7
8	33.6	24.1B	24.6B	42.6	108	244	427	243	103	69.9	37.5	46.8B	8
9	33.6	23.6B	26.5B	43.5	108	241	422	236	102	62.2	40.8	47.3B	9
10	31.0B	24.5B	27.2B	43.5	103	238	418	232	102	58.1	41.7	47.9B	10
11	27.0B	26.0B	27.7B	42.1	98.2	242	415	227	103	56.8	47.9	48.0B	11
12	20.8B	27.2B	28.0B	40.8	95.6	245	412	222	102	55.6	59.3	47.9B	12
13	21.3B	24.0B	30.4	40.5	94.8	244	414	219	102	54.1	73.2	46.5B	13
14	23.3B	18.3B	29.4	39.6	95.7	245	417	216	99.1	53.3	75.7	43.9	14
15	26.5B	16.0B	29.8	39.5	96.1	247	422	213	93.1	51.5	73.3	34.3	15
16	26.5B	14.7B	29.8	41.2	94.8	250	421	213	91.7	50.0	66.2	35.0B	16
17	26.0B	14.6B	29.5	43.2	93.2	254	418	211	93.5	49.2	60.1	35.0B	17
18	23.5B	14.7B	30.3	45.6	92.5	260	408	210	92.5	48.2	55.9	34.4B	18
19	21.0B	15.1B	31.7	49.9	94.8	266	392	207	84.3	47.5	52.2	33.0B	19
20	20.5B	15.5B	32.7	55.9	97.6	273	378	200	78.4	47.5	49.2	31.4B	20
21	21.3B	16.0B	33.0	63.2	99.3	281	360	193	75.0	46.0	48.3	30.6B	21
22	23.5B	17.0B	33.4	71.0	103	293	342	187	72.0	45.1	41.3	31.2B	22
23	27.2B	17.9B	34.3	76.9	104	310	327	181	72.1	45.1	38.4	32.5B	23
24	26.6B	18.1B	33.5	82.3	108	328	317	176	74.0	44.2	56.8	34.0B	24
25	26.5B	18.0B	29.8	85.3	119	352	306	171	77.1	43.4	64.8	35.8B	25
26	26.2B	17.8B	29.2	84.8	133	393	300	163	79.4	43.9	65.9	35.7B	26
27	23.1B	17.4B	32.0	81.1	146	443	295	152	78.8	47.3	56.0	33.8B	27
28	23.2B	16.7B	34.0	77.9	155	481	290	138	75.1	49.1	53.3	29.1B	28
29	25.8B		36.5	73.9	165	499	288	124	69.8	47.9	42.7	29.5B	29
30	25.0B		37.6	70.7	180	503	286	118	66.0	47.5	42.7B	32.0B	30
31	17.5B		38.4		195		284	117		45.9		33.2B	31
TOTAL	816.8	556.3	893.7	1 614.0	3 303.1	8 736	12 061	6 449	2 762.9	1 686.3	1 531.9	1 212.8	TOTAL
MEAN	26.3	19.9	28.8	53.8	107	291	389	208	92.1	54.4	51.1	39.1	MEAN
MAX	33.6	27.7	38.4	85.3	195	503	501	283	121	86.5	75.7	48.8	MAX
MIN	17.5	14.6	17.5	38.1	66.2	206	284	117	66.0	43.4	37.5	29.1	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 114
MAXIMUM DAILY, 503 ON JUN 30
MINIMUM DAILY, 14.6B ON FEB 17
MAXIMUM INSTANTANEOUS, 504 AT 14:46 MST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 38 N
LONG 116 54 42 W
DRAINAGE AREA, 6 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70 600	JUL	1 040 000
FEB	48 100	AUG	557 000
MAR	77 200	SEP	239 000
APR	139 000	OCT	146 000
MAY	285 000	NOV	132 000
JUN	755 000	DEC	105 000

TOTAL DISCHARGE, 3 590 000 dam³

COLUMBIA RIVER AT NICHOLSON - STATION NO. 08NA002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.407	0.336	0.328	0.450	0.806	1.998	3.716	2.518	1.328	0.784	0.543	0.697	1
2	0.399	0.265	0.315	0.443	0.790	2.069	3.670	2.498	---	0.751	0.530	0.698	2
3	0.390	0.282	0.319	0.450	0.788	2.136	3.634	2.465	---	0.708	0.492	0.672	3
4	0.351	0.317	0.317	0.471	0.800	2.194	3.592	2.439	---	0.679	0.454	0.592	4
5	0.309	0.357	0.313	0.484	0.852	2.230	3.543	2.400	1.206A	0.755	0.456	0.612	5
6	0.331	0.367	0.313	0.485	0.974	2.249	3.469	2.349	1.180A	1.004	0.482	0.649	6
7	0.379	0.352	0.312	0.492	1.135	2.250	3.400	2.293	1.169	0.964	0.449	0.682	7
8	0.408	0.354	---	0.507	1.209	2.258	3.362	2.251	1.164	0.828	0.435	0.691	8
9	0.409	0.343	0.341	0.518	1.210	2.238	3.337	2.207	1.158	0.743	0.482	0.624	9
10	0.399	0.330	0.346	0.518	1.161	2.220	3.317	2.177	1.156	0.698	0.494	0.600	10
11	0.423	0.316	0.337	0.500	1.118	2.244	3.301	2.145	1.160	0.682	0.574	0.597	11
12	0.385	0.348	0.336	0.481	1.094	2.266	3.286	2.112	1.155	0.668	0.709	0.661	12
13	0.280	0.404	0.328	0.477	1.086	2.259	3.297	2.090	1.158	0.650	0.864	0.615	13
14	0.262	0.373	0.312	0.465	1.095	2.268	3.310	2.068	1.126	0.639	0.891	0.520	14
15	0.335	0.288	0.317	0.464	1.099	2.283	3.333	2.053	1.069	0.618	0.865	0.389	15
16	0.401	0.267	0.317	0.487	1.087	2.302	3.329	2.047	1.056	0.600	0.788	0.423	16
17	0.428	0.336	0.313	0.514	1.070	2.324	3.313	2.034	1.073	0.590	0.719	0.555	17
18	0.388	0.345	0.326	0.544	1.063	2.365	3.263	2.027	1.063	0.577	0.671	0.687	18
19	0.305	0.344	0.348	0.599	1.086	2.406	3.186	2.006	0.981	0.569	0.626	0.787	19
20	0.252	0.345	0.363	0.671	1.113	2.453	3.108	1.960	0.920	0.569	0.590	0.755	20
21	0.287	0.346	0.368	0.755	1.129	2.508	3.011	1.909	0.883	0.550	0.578	0.670	21
22	0.326	0.351	0.374	0.841	1.164	2.587	2.907	1.860	0.851	0.537	0.487	0.612	22
23	0.347	0.355	0.389	0.904	1.176	2.699	2.815	1.816	0.852	0.538	0.446	0.599	23
24	0.361	0.356	0.376	0.960	1.209	2.817	2.748	1.778	0.873	0.526	0.681	0.595	24
25	0.359	0.355	0.318	0.992	1.311	2.964	2.677	1.740	0.906	0.517	0.772	0.621	25
26	0.347	0.347	0.308	0.987	1.437	3.188	2.631	1.678	0.930	0.522	0.784	0.645	26
27	0.344	0.343	0.352	0.948	1.540	3.435	2.601	1.589	0.924	0.566	0.672	0.658	27
28	0.326	0.344	0.385	0.915	1.612	3.621	2.568	1.473	0.884	0.588	0.640	0.673	28
29	0.312		0.422	0.872	1.690	3.703	2.551	1.356	0.827	0.573	0.508	0.686	29
30	0.347		0.437	0.837	1.804	3.725	2.540	1.299	0.785	0.568	0.549	0.676	30
31	0.396		0.448		1.918		2.528	1.295		0.549		0.655	31
MEAN	0.355	0.338	---	0.634	1.181	2.542	3.140	1.998	---	0.649	0.608	0.632	MEAN
MAX	0.428	0.404	---	0.992	1.918	3.725	3.716	2.518	---	1.004	0.891	0.787	MAX
MIN	0.252	0.265	---	0.443	0.788	1.998	2.528	1.295	---	0.517	0.435	0.389	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.725 ON JUN 30
MINIMUM DAILY, 0.252 ON JAN 20
MAXIMUM INSTANTANEOUS,
3.730 AT 14:46 MST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 38 N
LONG 116 54 42 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA,
6 660 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 781.474 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS - STATION NO. 08NA045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.60	3.29	3.18	3.38	6.71	27.2	54.8	24.2	9.01	5.48	4.82	5.02	1
2	3.50	3.37	3.21	3.39	6.34	28.4	55.1	23.7	8.21	5.03	4.82	5.00	2
3	3.32	3.59	3.20	3.53	6.61	29.7	54.3	23.1	7.98	5.45	4.83	5.00	3
4	3.39	3.44	3.20	3.53	6.61	30.5	52.3	22.2	7.94	6.02	4.87	5.42	4
5	3.59	3.56	3.24	3.77	7.23	30.2	50.3	21.5	8.03	6.06	4.57	5.25	5
6	3.63	3.45	3.36	3.67	8.12	30.8	49.4	20.9	7.76	5.67	4.85	5.17	6
7	3.80	3.42	3.37	4.03	7.77	31.1	48.2	19.6	7.60	5.82	5.43	5.08	7
8	3.62	3.36	3.40	3.68	8.32	31.2	47.1	19.0	7.39	5.70	4.80	5.14	8
9	3.86	3.31	3.39	4.02	8.97	30.4	46.1	17.8	7.34	6.41	4.99	5.30	9
10	3.73	3.52	3.43	4.04	8.65	31.3	45.1	17.2	7.16	5.85	5.46	5.21	10
11	3.47	3.62	3.24	4.01	9.38	34.5	44.5	16.8	7.28	6.06	6.35	5.21	11
12	3.31	3.42	3.29	4.15	9.41	34.3	44.3	16.5	6.70	6.40	5.69	4.99	12
13	3.52	3.32	3.33	4.30	10.1	34.1	43.8	15.9	6.63	5.73	6.08	4.61	13
14	3.55	3.26	3.29	4.26	9.59	34.4	43.3	15.4	6.59	5.49	5.69	4.40	14
15	3.51	3.25	3.28	4.25	9.84	33.7	42.6	14.8	6.59	5.46	5.75	4.75	15
16	3.43	3.16	3.31	4.29	10.3	33.3	40.5	14.2	7.69	5.28	5.83	5.27	16
17	3.39	3.12	3.32	4.44	10.2	33.5	39.4	13.6	6.50	5.77	5.71	4.85	17
18	3.25	3.12	3.41	4.44	10.3	34.3	38.1	13.1	6.20	6.10	5.07	4.79	18
19	3.27	3.14	3.34	4.76	10.5	35.4	36.5	12.8	5.82	5.22	5.11	3.87	19
20	3.28	3.31	3.56	4.91	10.7	36.8	35.2	12.5	5.73	5.22	5.36	2.75	20
21	3.34	3.18	3.42	5.34	10.8	39.2	33.7	13.5	5.75	6.10	5.02	3.16	21
22	3.42	3.16	3.46	6.06	10.2	41.0	31.8	12.4	5.80	5.16	5.52	3.21	22
23	3.41	3.13	3.24	6.18	10.8	43.0	30.3	11.2	5.79	5.17	7.38	3.40	23
24	3.42	3.13	3.13	6.50	11.2	45.7	28.5	10.5	5.75	5.41	5.54	3.46	24
25	3.60	3.16	3.25	6.73	13.7	49.5	28.7	11.0	5.76	5.69	3.50	3.50	25
26	3.36	3.11	3.23	6.57	14.2	52.1	29.3	10.8	5.59	5.20	2.36	3.60	26
27	3.40	3.15	3.20	7.14	13.5	54.2	28.4	10.3	5.26	5.26	2.97	3.73	27
28	3.42	3.21	3.25	6.16	16.8	55.3	27.6	9.93	5.40	5.30	4.18	3.34	28
29	3.34		3.22	7.00	18.7	55.3	26.8	9.83	5.33	5.26	5.31	3.27	29
30	3.36		3.36	6.57	22.0	53.8	25.8	10.8	5.01	5.45	5.12	3.25	30
31	3.32		3.23		23.7		24.9	9.67		4.90		3.34	31
TOTAL	107.41	92.26	102.34	144.88	343.16	1 133.6	1 226.7	474.73	199.59	173.12	152.98	134.34	TOTAL
MEAN	3.46	3.30	3.30	4.83	11.1	37.8	39.6	15.3	6.65	5.58	5.10	4.33	MEAN
MAX	3.86	3.62	3.56	7.14	23.7	55.3	55.1	24.2	9.01	6.41	7.38	5.42	MAX
MIN	3.25	3.11	3.13	3.31	6.34	27.2	24.9	9.67	5.01	4.90	2.36	2.75	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 55.3 ON JUN 28
MINIMUM DAILY, 2.36 ON NOV 26
MAXIMUM INSTANTANEOUS,
57.6 AT 17:39 MST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 25 N
LONG 115 51 45 W
DRAINAGE AREA, 891 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 280	JUL	106 000
FEB	7 970	AUG	41 000
MAR	8 840	SEP	17 200
APR	12 500	OCT	15 000
MAY	29 600	NOV	13 200
JUN	97 900	DEC	11 600

TOTAL DISCHARGE, 370 000 dam³

COQUIHALLA RIVER ABOVE ALEXANDER CREEK - STATION NO. 08MF068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.7	13.3	19.4	43.3	42.1	69.8	46.2	13.9	11.4	5.01	36.7	56.0	1
2	18.5	14.0	19.4	51.4	43.8	65.1	51.1	13.0	9.19	6.06	33.0	49.8	2
3	17.8	14.6	19.6	51.2	48.8	69.3	49.2	12.3	8.28	9.99	31.8	48.7	3
4	18.4	14.2	20.0	50.1	63.1	78.5	42.5	11.9	7.63	148	46.8	86.7	4
5	23.3	14.1	20.2	51.7	95.5	66.1	42.5	11.6	7.30	60.6	45.1	66.9	5
6	34.3	13.7	20.9	54.5	91.9	64.4	61.0	11.2	6.72	36.0	36.6	56.6	6
7	40.7	13.2	21.3	58.1	64.1	76.6	58.9	10.6	6.52	26.0	34.9	49.9	7
8	36.0	12.8	21.1	57.6	55.2	64.5	46.3	10.2	6.38	22.0	43.7	57.3	8
9	36.4	13.2	19.8	49.0	51.9	63.8	44.1	9.69	6.13	21.8	259 E	84.2	9
10	33.8	30.8	19.8	43.5	53.8	82.5	41.5	9.49	5.84	34.1	---	57.8	10
11	26.8	73.4	18.8	44.4	56.9	79.9	41.4	9.42	5.73	25.8	250 E	50.9	11
12	24.1	46.0	17.8	53.4	57.1	94.0	41.8	9.30	5.62	37.3	165	44.5	12
13	22.7	29.3	17.1	50.4	58.7	84.1	37.5	8.87	5.68	49.5	244	40.8	13
14	21.9	23.6	16.8	51.2	56.8	75.1	32.2	8.68	5.63	35.4	154	38.0	14
15	21.7	22.3	16.8	61.0	55.4	82.2	29.6	8.21	5.55	30.4	118	36.3	15
16	20.9	20.0	17.6	73.2	54.4	83.5	27.0	8.06	9.70	29.8	103	34.1	16
17	19.4	16.7B	22.0	87.4	55.4	72.8	23.9	7.75	9.27	24.8	98.2	38.7	17
18	18.3	15.3B	29.6	79.8	55.0	74.7	22.4	8.65	7.21	26.8	84.8	40.4B	18
19	17.4	16.2B	34.0	72.4	52.3	71.3	21.4	8.15	6.60	28.7	75.4	28.3B	19
20	17.0	16.6	39.1	80.1	55.2	75.5	20.6	7.55	6.13	24.0	68.4	21.5B	20
21	16.8	16.9	40.8	86.7	56.0	78.1	19.8	8.15	5.76	26.6	64.6	19.4B	21
22	17.3	16.4	36.5	79.0	57.7	85.0	19.3	10.9	5.76	28.8	104	18.1B	22
23	16.6	16.6	30.5	79.7	55.6	82.5	18.5	10.9	5.76	25.1	237 E	17.2B	23
24	16.2	18.7	26.4	80.8	55.5	73.6	17.8	8.86	5.46	23.8	212 E	16.2B	24
25	16.9	21.3	24.7	66.8	54.0	66.6	16.9	8.97	5.39	73.9 E	114	15.3B	25
26	16.6	20.9	23.7	62.4	52.1	58.6	19.2	8.29	5.31	80.6 E	85.2	14.6B	26
27	15.9	19.8	24.1	48.2	60.0	53.0	17.1	7.54	5.02	63.9 A	76.5	14.5B	27
28	15.7	19.5	25.5	48.8	76.9	51.0	16.0	7.07	4.87	79.9 E	70.1	13.4B	28
29	15.5		28.1	44.4	93.9	50.4	15.1	6.80	4.76	54.9	75.3	12.8B	29
30	14.8		31.4	41.4	74.2	51.0	14.6	9.68	4.65	48.8	64.3	12.2B	30
31	13.2		36.0		79.1		14.3	16.0		42.3		12.7B	31
TOTAL	665.5	579.4	759.4	1 801.9	1 882.4	2 143.5	969.7	301.48	195.25	1 232.66	---	1 133.8	TOTAL
MEAN	21.5	20.7	24.5	60.1	60.7	71.5	31.3	9.73	6.51	39.8	---	36.6	MEAN
MAX	40.7	73.4	40.8	87.4	95.5	94.0	61.0	16.0	11.4	148	---	86.7	MAX
MIN	13.2	12.8	16.8	41.4	42.1	50.4	14.3	6.80	4.65	5.01	---	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MINIMUM DAILY, 4.65 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 121 23 20 W
DRAINAGE AREA, 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 500	JUL	83 800
FEB	50 100	AUG	26 000
MAR	65 600	SEP	16 900
APR	156 000	OCT	107 000
MAY	163 000	NOV	---
JUN	185 000	DEC	98 000

COQUIHALLA RIVER BELOW NEEDLE CREEK - STATION NO. 08MF062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.68	0.947	0.880	4.22	3.85	8.26	6.32	1.28	0.705	0.479	4.17	3.44	1
2	1.53	0.935	0.884	5.81	4.10	7.64	6.24	1.18	0.655	0.504	3.70	3.14	2
3	1.51	0.913	0.883	6.53	4.98	9.38	5.92	1.09	0.623	1.43	3.43	3.03	3
4	1.46	0.909	0.879	6.50	7.46	9.89	5.20	1.04	0.602	10.7	3.96	3.83	4
5	1.59	0.911	0.889	6.49	11.8	8.05	5.77	0.995	0.593	4.46	3.58	3.45	5
6	1.77	0.895	0.894	6.89	12.4	8.26	7.52	0.958	0.582	2.37	3.22	3.12	6
7	2.04	0.900	0.897	7.48	8.78	9.47	6.61	0.883	0.572	1.65	3.05	2.83	7
8	1.95	0.877	0.896	7.68	7.16	8.05	5.65	0.827	0.568	1.33	3.24	2.76	8
9	1.87	0.867	0.892	6.35	6.57	8.70	5.41	0.797	0.570	1.82	19.0 E	2.75	9
10	1.67	1.02	0.888	5.29	6.68	10.9	5.04	0.820	0.551	2.96	---	2.65	10
11	1.56	1.52	0.873	4.89	7.30	9.19	5.16	0.823	0.548	2.29	23.1 E	2.53	11
12	1.58	1.24	0.862	5.81	7.57	9.55	5.39	0.800	0.549	2.71	19.2	2.36	12
13	1.53	1.09	0.850	6.22	7.72	8.94	4.52	0.785	0.537	3.06	23.0	2.17	13
14	1.44	1.03	0.833	6.31	7.46	8.96	3.94	0.767	0.524	2.45	12.3	2.09	14
15	1.42	1.00	0.840	7.65	7.31	10.8	3.62	0.742	0.528	2.21	10.1	1.99	15
16	1.36	0.948	0.847	9.12	7.52	11.7	3.27	0.725	0.657	2.17	8.18	1.91	16
17	1.32	0.906	0.871	9.89	7.85	11.2	2.75	0.734	0.577	2.00	7.20	1.95	17
18	1.23	0.899	0.965	9.66	7.50	11.3	2.53	0.718	0.543	2.10	6.31	1.95	18
19	1.20	0.880	1.09	9.39	7.12	11.0	2.39	0.700	0.535	2.09	5.51	1.60 B	19
20	1.18	0.884	1.31	10.7	7.38	11.1	2.29	0.689	0.528	1.95	4.93	1.42 B	20
21	1.19	0.899	1.49	11.7	7.11	11.4	2.19	0.743	0.516	2.33	4.49	1.29 B	21
22	1.16	0.876	1.55	11.0	7.50	11.7	2.10	0.790	0.511	2.55	7.94	1.17 B	22
23	1.13	0.873	1.49	10.4	7.36	11.8	1.92	0.713	0.522	2.32	12.6 E	1.11 B	23
24	1.10	0.879	1.43	9.99	7.06	10.4	1.71	0.670	0.503	2.29	17.0 E	1.06 B	24
25	1.10	0.886	1.48	8.19	6.62	9.54	1.80	0.684	0.503	8.92	13.5	1.00 B	25
26	1.04	0.877	1.62	6.67	6.39	8.55	2.01	0.652	0.493	12.1	9.86	0.962B	26
27	1.02	0.877	1.77	5.55	7.81	7.62	1.72	0.620	0.482	8.92	7.29	0.940B	27
28	1.01	0.882	1.95	4.75	10.6	7.21	1.55	0.612	0.474	10.0	5.52	0.868B	28
29	0.997		2.11	4.10	12.1	7.15	1.43	0.625	0.483	7.56	4.50	0.832B	29
30	0.963		2.32	3.79	10.6	7.25	1.40	0.729	0.471	6.34	3.75	0.800B	30
31	0.925		2.95		10.3		1.36	0.946		5.10		0.848B	31
TOTAL	42.525	26.620	38.383	219.02	241.96	284.96	114.73	25.137	16.495	119.163	---	61.850	TOTAL
MEAN	1.37	0.951	1.24	7.30	7.81	9.50	3.70	0.811	0.550	3.84	---	2.00	MEAN
MAX	2.04	1.52	2.95	11.7	12.4	11.8	7.52	1.28	0.705	12.1	---	3.83	MAX
MIN	0.925	0.867	0.833	3.79	3.85	7.15	1.36	0.612	0.471	0.479	---	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MINIMUM DAILY, 0.471 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 33 N
LONG 121 06 20 W
DRAINAGE AREA, 85.5 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 670	JUL	9 910
FEB	2 300	AUG	2 170
MAR	3 320	SEP	1 430
APR	18 900	OCT	10 300
MAY	20 900	NOV	---
JUN	24 600	DEC	5 340

COQUITLAM LAKE FOREBAY - STATION NO. 08MH149

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.608	46.301	43.241	41.025	45.113	49.367	51.325	47.022	46.402	46.141	47.004	52.434	1
2	45.428	46.157	43.101	40.988	45.208	49.503	51.136	47.013	46.428	46.137	46.824	52.220	2
3	45.253	46.309	42.965	40.943	45.314	49.926	50.981	46.991	46.432	46.112	46.642	52.170	3
4	45.151	46.309	42.882	40.878	45.500	50.532	50.774	46.967	46.431	46.718	46.494	53.101	4
5	45.370	46.281	42.840	40.821	45.771	50.821	50.566	46.945	46.416	47.246	46.342	53.283	5
6	45.973	46.197	42.866	40.767	46.020	51.019	50.432	46.932	46.400	47.356	46.158	53.152	6
7	46.599	46.061	43.119	40.738	46.159	51.363	50.330	46.915	46.385	47.405	46.043	52.975	7
8	47.014	45.803	43.332	40.702	46.250	51.585	50.154	46.893	46.375	47.439	45.979	52.911	8
9	47.208	45.724	43.281	40.655	46.320	51.811	49.960	46.867	46.366	47.517	46.455	52.955	9
10	47.526	45.815	43.279	40.753	46.420	52.159	49.740	46.842	46.346	47.697	47.695	52.933	10
11	47.631	46.268	43.186	40.920	46.554	52.607	49.511	46.824	46.333	47.565	50.249	52.785	11
12	47.703	46.354	43.036	41.123	46.696	52.814	49.292	46.806	46.322	47.476	51.099	52.601	12
13	47.818	46.230	42.855	41.296	46.859	52.756	49.077	46.777	46.303	47.377	51.925	52.403	13
14	48.031	46.051	42.711	41.439	47.019	52.658	48.859	46.759	46.281	47.221	52.136	52.193	14
15	48.160	45.880	42.546	41.628	47.116	52.716	48.629	46.741	46.263	47.032	52.176	52.011	15
16	48.224	45.682	42.387	41.889	47.211	52.655	48.393	46.721	46.310	46.835	52.372	51.809	16
17	48.078	45.461	42.286	42.248	47.302	52.500	48.145	46.701	46.361	46.672	52.789	51.603	17
18	47.868	45.226	42.292	42.550	47.399	52.334	47.881	46.698	46.365	46.842	52.803	51.435	18
19	47.663	44.993	42.315	42.754	47.487	52.186	47.642	46.686	46.364	47.014	52.689	51.298	19
20	47.453	44.787	42.318	43.026	47.610	52.062	47.596	46.676	46.333	46.909	52.534	51.308	20
21	47.251	44.584	42.345	43.277	47.818	52.120	47.592	46.657	46.297	46.885	52.346	51.268	21
22	47.136	44.357	42.297	43.461	48.012	52.241	47.581	46.644	46.282	46.847	52.322	51.032	22
23	47.024	44.140	42.187	43.712	48.180	52.370	47.586	46.589	46.267	46.696	53.717	50.765	23
24	46.881	43.969	42.032	44.034	48.294	52.485	47.583	46.384	46.252	46.541	54.959	50.504	24
25	46.782	43.833	41.862	44.279	48.385	52.522	47.533	46.346	46.244	46.852	54.463	50.242	25
26	46.656	43.691	41.676	44.507	48.476	52.344	47.291	46.328	46.223	47.291	53.874	49.978	26
27	46.511	43.539	41.505	44.700	48.568	52.120	47.091	46.309	46.207	47.227	53.279	49.741	27
28	46.533	43.385	41.346	44.841	48.712	51.904	47.064	46.283	46.191	47.179	52.701	49.500	28
29	46.617		41.234	44.936	48.891	51.686	47.054	46.225	46.177	47.131	52.670	49.231	29
30	46.638		41.142	45.018	48.987	51.501	47.037	46.081	46.153	47.225	52.614	48.983	30
31	46.469		41.076		49.146		47.029	46.320		47.161		48.792	31
MEAN	46.914	45.338	42.437	42.330	47.186	51.822	48.738	46.676	46.317	47.024	50.645	51.536	MEAN
MAX	48.224	46.354	43.332	45.018	49.146	52.814	51.325	47.022	46.432	47.697	54.959	53.283	MAX
MIN	45.151	43.385	41.076	40.655	45.113	49.367	47.029	46.081	46.153	46.112	45.979	48.792	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 47.257
MAXIMUM DAILY, 54.959 ON NOV 24
MINIMUM DAILY, 40.655 ON APR 09
MAXIMUM INSTANTANEOUS,
55.158E AT 01:32 PST ON NOV 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 20 N
LONG 122 46 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 100.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COQUITLAM RIVER ABOVE COQUITLAM LAKE - STATION NO. 08MH141

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.36	1.36 B	2.67	6.68	4.47	7.11	5.83	1.44	1.28	0.400E	3.62	2.38	1
2	1.50 B	2.95 B	2.74	6.96	4.68	6.80	5.19	1.38	1.12	1.01 A	2.74	2.92	2
3	1.22 B	16.3 B	2.88	6.21	6.62	30.3	6.10	1.42	0.991	5.93	2.92	8.34	3
4	1.62 B	3.00 B	4.96	6.16	10.6	19.1	5.10	1.44	0.906	44.2	3.98	28.3	4
5	14.1 B	2.37 B	4.04	6.78	13.7	8.78	5.73	1.28	0.837	7.25	3.22	5.56	5
6	13.1	1.89 B	6.96	7.28	8.95	12.4	12.4	1.21	0.815	3.50	2.43	3.69	6
7	25.2	1.51 B	11.8	7.69	5.21	12.9	8.47	1.21	0.750	2.37	4.35	3.04	7
8	8.04	1.34 B	4.70	6.78	4.48	9.24	6.00	1.23	0.696	1.85	5.56	7.76	8
9	9.20	1.28 B	2.98	4.89	5.04	12.0	5.42	1.22	0.624	6.67	36.2	7.56	9
10	4.63	9.45 B	4.34	4.77	6.37	19.4	5.13	1.23	0.587	5.13	87.2	4.38	10
11	2.91	22.7	2.47	7.39	7.13	13.0	5.21	1.15	0.589	3.09	80.1	3.08	11
12	3.77	4.58	1.91	7.88	7.08	8.33	5.43	0.988	0.538	6.37	32.4	2.29	12
13	5.79	2.64 B	1.73	6.06	7.85	7.21	4.72	0.852	0.546A	4.62	41.3	1.94	13
14	6.13	1.57 B	1.69	6.43	6.50	8.62	4.30	0.833	0.420E	2.78	9.88	1.74	14
15	3.88 B	1.13 B	1.74	9.13	6.11	9.95	4.10	0.813	0.600E	2.28	7.89	1.99	15
16	2.85 B	0.980B	2.34	12.9	5.55	8.10	3.62	0.803	1.80 E	2.04	25.6	1.55	16
17	2.09 B	0.880B	5.02	14.5	5.46	6.67	3.10	0.807	4.40 E	2.56	15.8	1.76	17
18	1.59 B	0.780B	7.35	9.38	5.15	6.88	2.80	0.849	2.50 E	12.3	5.69	2.21 B	18
19	1.37 B	0.735B	6.06	8.51	5.19	7.13	2.77	0.861	2.00 E	4.54	4.29	4.26 B	19
20	1.27 B	0.735B	6.93	11.9	8.24	7.46	2.77	0.879	1.60 E	2.74	3.37	2.20 B	20
21	1.22 B	0.762B	5.79	8.73	9.80	9.10	2.68	0.687	1.20 E	6.30	2.94	2.10 B	21
22	1.44 B	1.00 B	4.35	7.26	10.4	10.4	2.53	0.733	1.00 E	3.77	10.5	1.99 B	22
23	1.38 B	1.43 B	3.03	9.71	7.40	9.02	2.35	1.17	0.950E	2.75	107	1.86 B	23
24	1.25 B	2.83	2.41	9.98	5.83	7.11	2.07	0.758	0.850E	9.07	19.9	1.73 B	24
25	1.75 B	3.03	2.20	7.52	5.45	6.15	1.83	0.657	0.750E	52.2	6.78	1.61 B	25
26	1.36 B	2.45	2.21	6.81	4.85	5.31	1.78	0.614	0.700E	11.5	4.28	1.50 B	26
27	1.46 B	2.30	2.75	5.40	7.11	4.70	1.80	1.57	0.670E	8.31	3.19	1.34 B	27
28	1.94 B	2.54	4.07	4.23	9.47	5.93	1.89	13.8	0.450E	11.4	3.56	1.10 B	28
29	1.27 B		4.91	3.78	8.42	5.58	1.89	4.77	0.300E	12.0	9.27	0.880B	29
30	1.09 B		5.37	3.79	7.44	7.73	1.83	2.44	0.350E	12.3	3.19	1.00 B	30
31	0.980B		5.98		9.66		1.66	1.66		5.12		2.08 B	31
TOTAL	129.760	94.522	128.38	225.49	220.21	292.41	126.50	50.754	30.819	256.350	549.15	113.630	TOTAL
MEAN	4.19	3.38	4.14	7.52	7.10	9.75	4.08	1.64	1.03	8.27	18.3	3.67	MEAN
MAX	25.2	22.7	11.8	14.5	13.7	30.3	12.4	13.8	4.40	52.2	107	28.3	MAX
MIN	0.980	0.735	1.69	3.78	4.47	4.70	1.66	0.614	0.300	0.400	2.43	0.880	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.08
MAXIMUM DAILY, 107 ON NOV 23
MINIMUM DAILY, 0.300E ON SEP 29
MAXIMUM INSTANTANEOUS,
147 AT 15:20 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 20 N
LONG 122 47 29 W
DRAINAGE AREA, 54.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 200	JUL	10 900
FEB	8 170	AUG	4 390
MAR	11 100	SEP	2 660
APR	19 500	OCT	22 100
MAY	19 000	NOV	47 400
JUN	25 300	DEC	9 820

TOTAL DISCHARGE, 192 000 dam³

COQUITLAM RIVER AT PORT COQUITLAM - STATION NO. 08MH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.60	1.60 E	3.00	3.93	3.04	5.36	2.04	---	---	0.556	2.15	3.80	1
2	2.46	4.80 E	3.05	4.05	3.12	3.50	2.28	---	---	0.558	1.84	2.85	2
3	2.84	9.40 E	3.10	3.84	3.58	16.7	3.00	---	---	1.28	2.44	---	3
4	5.56	4.80 E	4.04	3.62	4.64	7.35	2.17	---	---	22.7	4.41	---	4
5	20.9	4.20 E	4.00	3.80	5.46	3.97	2.06	---	---	5.88	3.01	10.4	5
6	10.8	3.10 E	8.76	3.97	3.88	6.77	2.65	---	---	2.06	2.16	7.52	6
7	17.8	2.30 E	18.2	4.08	2.89	5.66	2.58	---	---	1.50	6.38	5.70	7
8	5.89	1.90 E	6.37	3.93	2.80	3.93	2.12	---	---	1.30	7.45	16.5	8
9	11.0	9.60 E	4.76	3.38	2.87	4.29	1.93	---	---	5.91	37.4	14.1	9
10	5.16	28.0 E	6.59	3.20	3.28	12.3	1.77	---	---	4.52	---	7.82	10
11	3.49	33.0 E	3.87	4.07	3.61	6.96	1.71	---	---	2.24	33.2 A	5.36	11
12	3.14	15.0 E	3.26	4.20	3.17	3.84	1.65	---	---	5.71	---	4.29	12
13	5.10	6.80 B	3.14	3.58	3.75	3.30	1.54	---	0.411	3.08	---	3.70	13
14	4.55	2.70 B	3.47	3.77	3.32	3.30	1.44	---	0.327	1.98	---	3.63	14
15	3.43A	1.80 B	3.14	4.57	2.93	3.24	1.43 A	---	0.454	1.79	---	4.42	15
16	3.60E	1.30 B	3.08	5.76	2.74	2.89	1.33 E	---	1.56	1.56	---	3.63	16
17	2.80E	1.00 B	2.92	7.03	2.69	2.58	1.22 E	---	0.983	1.63	---	7.39	17
18	2.10E	0.960B	5.70	4.36	2.67	2.46	1.10 E	---	0.703	5.57	---	6.00	18
19	1.50E	1.00 B	4.91	4.38	2.68	2.47	1.02 E	---	0.590	2.70	---	3.28A	19
20	1.10E	3.03 A	7.46	6.38	3.55	2.44	0.940E	---	0.544	1.74	3.97A	3.00B	20
21	1.20E	2.70	5.39	4.32	6.16	2.62	0.870E	---	0.495	8.97	---	2.80B	21
22	5.20E	2.58	3.99	3.87	4.11	2.68	0.800E	---	0.497	3.94	---	1.50B	22
23	3.80E	2.56	3.40	12.5	3.23	2.53	0.740E	---	0.484	2.36	---	1.46B	23
24	2.90E	3.01	3.05	6.20	2.84	2.15	0.690E	---	0.470	1.96	---	1.40B	24
25	5.10E	3.30	2.89	4.77	2.63	2.01	0.650E	---	0.470	9.08	---	1.40B	25
26	3.30E	3.11	2.72	4.41	2.51	1.88	0.620E	---	0.469	6.08	---	1.50B	26
27	2.30E	2.96	2.75	3.88	3.02	1.73	0.571A	---	0.445	3.40	---	1.60R	27
28	4.40E	2.96	3.00	3.43	3.53	1.90	0.550E	---	0.421	2.99	---	1.73B	28
29	3.50E		3.32	3.14	3.08	1.85	0.530E	---	0.446	4.32	---	1.60B	29
30	2.50E		3.46	2.97	3.00	2.10	0.500E	0.399A	0.470	6.51	5.50	1.43B	30
31	1.80E		3.69		7.45		0.490E	---		3.02		1.40B	31
TOTAL	152.82	159.470	141.48	135.39	108.43	124.76	42.991	---	---	126.894	---	---	TOTAL
MEAN	4.93	5.70	4.56	4.51	3.50	4.16	1.39	---	---	4.09	---	---	MEAN
MAX	20.9	33.0	18.2	12.5	7.45	16.7	3.00	---	---	22.7	---	---	MAX
MIN	1.10	0.960	2.72	2.97	2.51	1.73	0.490	---	---	0.556	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 56 N
LONG 122 46 51 W
DRAINAGE AREA, 237 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1902

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	3 710
FEB	13 800	AUG	---
MAR	12 200	SEP	---
APR	11 700	OCT	11 000
MAY	9 370	NOV	---
JUN	10 800	DEC	---

CORNING CREEK NEAR SQUILAX - STATION NO. 08LE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.102	0.067B	0.062B	0.330	0.880	1.40 E	0.670E	0.091	0.073	0.020	0.020	0.034	1
2	0.097	0.066B	0.060B	0.492	0.999	1.28 E	0.710E	0.086	0.057	0.016	0.017	0.034	2
3	0.093	0.065B	0.059B	0.542	1.21	1.50 E	0.760E	0.084	0.050	0.016	0.020	0.035	3
4	0.096	0.066B	0.058B	0.507	1.54	1.61 E	0.660E	0.078	0.042	0.020	0.022	0.036	4
5	0.092	0.066B	0.058A	0.528	1.75	1.25 E	0.900E	0.067	0.042	0.028	0.020	0.036	5
6	0.096	0.065B	0.057B	0.601	1.45	1.36 A	1.10 E	0.071	0.040	0.023	0.018	0.033	6
7	0.098	0.065B	0.064B	0.691	1.15	1.21 E	1.18 E	0.070	0.037	0.021	0.021	0.032	7
8	0.091	0.067B	0.061B	0.749	1.09	1.10 E	0.900E	0.065	0.036	0.019	0.019	0.031	8
9	0.101	0.070B	0.048B	0.689	1.07	1.60 E	0.608A	0.063	0.034	0.023	0.028	0.034	9
10	0.094	0.071B	0.054	0.581	1.25	7.00 E	0.516	0.058	0.030	0.027	0.096	0.035	10
11	0.091	0.070B	0.049	0.529	1.22	10.4 E	0.445	0.055	0.030	0.024	0.174	0.033	11
12	0.089	0.069B	0.047	0.550	1.21	7.03	0.399	0.053	0.029	0.022	0.158	0.031	12
13	0.087	0.067B	0.049	0.612	1.15	3.48	0.353	0.051	0.027	0.021	0.157	0.031	13
14	0.087	0.065B	0.048	0.703	1.09	2.19	0.322	0.055	0.027	0.021	0.125	0.029	14
15	0.087	0.063B	0.048	0.863	1.02	1.70	0.285	0.048	0.027	0.020	0.082	0.030	15
16	0.086	0.062B	0.052	1.01	0.976	1.70	0.263	0.046	0.031	0.021	0.064	0.030	16
17	0.082	0.060B	0.059	1.12	1.01 A	1.55	0.236	0.045	0.039	0.020	0.061	0.029	17
18	0.081	0.060B	0.070	1.24	1.01	1.43	0.220	0.046	0.031	0.019	0.049	0.026B	18
19	0.076	0.059B	0.097	1.34	1.07	1.35	0.209	0.044	0.025	0.017	0.052	0.024B	19
20	0.080	0.060B	0.132	1.41	1.07	1.36	0.195	0.042	0.025	0.018	0.050	0.022B	20
21	0.081	0.061B	0.154	1.62	1.01	1.28	0.182	0.045	0.025	0.025	0.047	0.025B	21
22	0.082	0.061B	0.154	1.55	1.06	1.19 E	0.171	0.061	0.022	0.024	0.047	0.029B	22
23	0.083	0.063B	0.140	1.50	1.12	1.10 E	0.160	0.069	0.020	0.022	0.046	0.032B	23
24	0.077	0.065B	0.130	1.89	1.23	1.01 E	0.168	0.050	0.018	0.020	0.056	0.037B	24
25	0.078	0.066B	0.124	1.50	1.37	0.880E	0.159	0.058	0.018	0.021	0.050	0.043B	25
26	0.074	0.067B	0.118	1.34	1.29 A	0.820E	0.145	0.071	0.020	0.029	0.039	0.046B	26
27	0.074	0.066B	0.120	1.14	1.23 E	0.750E	0.134	0.054	0.019	0.029	0.041	0.048B	27
28	0.073B	0.065B	0.127	0.962	1.51 E	0.800E	0.114	0.046	0.018	0.032	0.035	0.049B	28
29	0.071B		0.137	0.858	1.90 E	0.730E	0.111	0.045	0.018	0.029	0.035	0.049B	29
30	0.070B		0.163	0.824	2.15 E	0.700E	0.103	0.149	0.018	0.025	0.035	0.048B	30
31	0.069B		0.236		1.71 E		0.108	0.112		0.022		0.047B	31
TOTAL	2.638	1.817	2.835	28.271	38.795	60.760	12.486	1.978	0.928	0.694	1.686	1.078	TOTAL
MEAN	0.085	0.065	0.092	0.942	1.25	2.03	0.403	0.064	0.031	0.022	0.056	0.035	MEAN
MAX	0.102	0.071	0.236	1.89	2.15	10.4	1.18	0.149	0.073	0.032	0.174	0.049	MAX
MIN	0.069	0.059	0.047	0.330	0.880	0.700	0.103	0.042	0.018	0.016	0.017	0.022	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.422
MAXIMUM DAILY, 10.4E ON JUN 11
MINIMUM DAILY, 0.016 ON OCT 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 54 N
LONG 119 32 00 W
DRAINAGE AREA, 26.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	228	JUL	1 080
FEB	157	AUG	171
MAR	245	SEP	80.2
APR	2 440	OCT	60.0
MAY	3 350	NOV	146
JUN	5 250	DEC	93.1

TOTAL DISCHARGE, 13 300 dam³

COTTONWOOD RIVER ABOVE BASS CREEK - STATION NO. 10AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	1.78B	2.66B	3.22B	4.90	171	53.9	15.0	8.41	8.39	5.95B	3.70B	1
2	4.15B	1.79B	2.67B	3.23B	5.18	114	54.4	13.7	8.53	8.47	5.80B	3.50B	2
3	4.05B	1.80B	2.66B	3.24B	5.53	106	47.4	13.1	8.60	8.41	5.60B	3.60B	3
4	3.95B	1.82B	2.65B	3.26B	6.50	109	41.8	12.7	9.62	8.14	5.55B	4.05B	4
5	3.73B	1.82B	2.63B	3.28B	6.93	106	39.0	12.3	9.88	7.61	5.55B	5.00B	5
6	3.50B	1.80B	2.61B	3.30B	7.59	101	37.0	12.2	8.80	7.52	5.55B	6.00B	6
7	3.30B	1.78B	2.60B	3.32B	8.24	111	38.5	11.8	8.52	7.85	5.60B	6.40B	7
8	3.15B	1.78B	2.60B	3.37B	10.3	105	36.9	11.3	8.20	9.68	5.50B	6.40B	8
9	3.00B	1.78B	2.62B	3.40B	12.8	88.9	34.9	11.1	7.93	11.2	5.35B	6.25B	9
10	2.90B	1.78B	2.64B	3.43B	14.6	80.7	35.8	11.9	7.79	8.89	5.20B	5.90B	10
11	2.82B	1.78B	2.68B	3.47B	15.5	75.9	33.2	11.2	7.73	8.27	5.05B	5.20B	11
12	2.80B	1.79B	2.69B	3.49B	17.1	74.3	29.1	10.7	7.97	8.55	4.95B	4.90B	12
13	2.80B	1.81B	2.71B	3.50B	19.8	80.3	28.6	10.2	7.81	8.25	4.95B	4.90B	13
14	2.80B	1.84B	2.71B	3.50B	23.9	89.8	24.4	11.0	7.75	7.67	5.05B	5.00B	14
15	2.80B	1.90B	2.70B	3.50B	28.7	88.1	23.4	12.7	7.57	7.72	5.20B	5.10B	15
16	2.80B	1.99B	2.69B	3.50B	33.4	74.8	27.2	11.1	7.73	35	5.25B	5.05B	16
17	2.76B	2.04B	2.69B	3.50B	39.1	60.1	28.6	10.4	7.41	41	5.25B	4.90B	17
18	2.72B	2.08B	2.69B	3.51B	44.5	53.8	29.5	10.0	8.21	9.10B	5.20B	4.80B	18
19	2.63B	2.15B	2.70B	3.52B	51.6	51.5	24.9	9.84	10.3	6.05B	5.10B	4.70B	19
20	2.52B	2.23B	2.71B	3.53B	57.3	46.9	22.7	15.2	8.76	6.25B	4.90B	4.35B	20
21	2.35B	2.32B	2.76B	3.54B	59.1	57.2	22.2	13.0	9.17	6.35B	4.60B	4.40B	21
22	2.20B	2.40B	2.81B	3.55B	63.2	69.0	22.5	12.2	9.41	6.35B	4.40B	4.65B	22
23	1.91B	2.46B	2.86B	3.58B	67.1	67.1	22.2	11.9	9.38	6.25B	4.40B	5.10B	23
24	1.87B	2.50B	2.92B	3.62B	70.0	59.6	21.9	10.8	11.7	6.15B	4.45B	5.55B	24
25	1.78B	2.53B	2.98B	3.68B	51.2	57.8	22.1	10.0	12.1	6.05B	4.70B	5.60B	25
26	1.76B	2.58B	3.03B	3.72B	60.6	51.5	19.5	9.36	10.7	5.90B	4.90B	5.40B	26
27	1.74B	2.60B	3.08B	3.83B	86.2	50.0	17.6	9.43	9.56	5.80B	5.05B	4.80B	27
28	1.74B	2.63B	3.13B	3.92B	108	49.1	16.4	9.39	9.53	5.80B	5.10B	4.50B	28
29	1.75B		3.18B	4.09B	134	51.4	15.5	9.90	9.25	5.90B	4.95B	4.50B	29
30	1.76B		3.20B	4.35B	140	52.4	15.2	9.05	8.66	6.00B	4.70B	4.55B	30
31	1.77B		3.21B		152		15.7	8.67		6.00B		4.40B	31
TOTAL	84.06	57.56	86.47	105.95	1 375.47	2 353.4	901.7	351.14	268.98	225.33	153.80	153.15	TOTAL
MEAN	2.71	2.06	2.79	3.53	44.4	78.4	29.1	11.3	8.97	7.27	5.13	4.94	MEAN
MAX	4.30	2.63	3.21	4.35	152	171	54.4	15.2	12.7	11.2	5.95	6.40	MAX
MIN	1.74	1.78	2.60	3.22	4.90	46.9	15.2	8.67	7.41	5.80	4.40	3.50	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 171 ON JUN 01
MINIMUM DAILY, 1.74B ON JAN 27
MAXIMUM INSTANTANEOUS, 194 AT 03:45 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 07 08 N
LONG 129 49 23 W
DRAINAGE AREA, 888 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 260	JUL	77 900
FEB	4 970	AUG	30 300
MAR	7 470	SEP	23 200
APR	9 150	OCT	19 800
MAY	119 000	NOV	13 300
JUN	203 000	DEC	13 200

TOTAL DISCHARGE, 528 000 dam³

COTTONWOOD RIVER NEAR CINEMA - STATION NO. 08KE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.90B	5.14B	4.97B	8.60B	53.9	117	27.9	6.03	12.7	2.90	15.4	8.79B	1
2	6.72B	5.20B	4.97B	12.5 B	57.6	106	27.5	5.84	11.3	3.08	13.1	8.80B	2
3	6.65B	5.24B	4.95B	36.0 B	62.6	91.5	28.4	5.77	10.7	3.14	12.2	8.81B	3
4	6.80B	5.28B	5.00B	46.0 B	78.8	89.7	28.4	6.38	8.72	5.02	11.8	8.79B	4
5	6.85B	5.25B	5.05B	54.1	102	86.6	28.2	5.83	7.22	9.85	11.7	8.77B	5
6	6.75B	5.15B	5.04B	62.0	150	84.1	28.4	5.46	6.12	10.1	10.1	8.74B	6
7	6.65B	5.05B	5.00B	67.1	98.0	86.2	25.5	4.85	5.57	10.2	8.78	8.77B	7
8	6.60B	4.95B	4.95B	65.1	68.9	90.4	25.6	4.59	5.30	10.4	8.79B	8.79B	8
9	6.45B	4.90B	4.90B	53.3	53.8	92.4	25.1	3.98	4.69	10.7	8.81B	8.70B	9
10	6.25B	5.12B	4.97B	46.4	66.7	95.2	20.4	3.83	4.30	15.9	8.75B	8.20B	10
11	6.22B	5.15B	5.17B	41.9	69.1	116	18.1	3.83	4.22	20.6	8.70B	8.18B	11
12	6.30B	5.05B	5.30B	46.2	64.0	371	15.3	3.61	4.29	16.8	9.00B	8.27B	12
13	6.35B	4.63B	5.35B	51.5	57.7	303	13.6	3.39	4.06	14.6	16.5 B	8.30B	13
14	6.40B	4.62B	5.40B	75.2	52.4	125	12.4	3.39	4.13	13.1	13.0 B	8.35B	14
15	6.30B	4.65B	5.40B	89.6	51.1	93.7	12.4	3.46	4.13	11.6	10.9 B	8.37B	15
16	6.40B	4.52B	5.40B	99.4	55.8	69.1	12.6	3.45	4.58	10.5	9.80B	8.40B	16
17	6.25B	4.30B	5.44B	112	58.8	63.1	12.3	3.52	4.74	9.37	9.45B	8.35B	17
18	6.12B	4.38B	5.55B	118	59.1	54.5	11.2	3.59	4.04	8.67	9.20B	8.03B	18
19	5.80B	4.47B	5.60B	132	59.1	49.4	8.80	3.58	3.81	8.34	9.00B	7.63B	19
20	5.92B	4.52B	5.65B	152	58.2	49.4	7.49	3.65	3.81	8.23	8.70B	7.37B	20
21	6.10B	4.55B	5.78B	162	57.6	48.2	6.97	3.79	3.73	8.02	8.75B	7.40B	21
22	6.25B	4.58B	5.85B	154	59.3	46.8	6.86	3.78	3.66	7.80	8.82B	7.50B	22
23	6.24B	4.59B	5.90B	140	64.1	43.4	6.96	3.81	3.66	7.80	8.70B	7.65B	23
24	6.20B	4.60B	5.90B	224	77.9	38.5	7.36	5.46	3.58	8.23	8.62B	7.74B	24
25	6.08B	4.62B	5.88B	150	87.1	34.9	8.53	4.29	3.29	8.78	8.45B	7.85B	25
26	6.02B	4.66B	5.85B	115	89.2	41.2	11.6	4.06	3.22	26.6	8.50B	7.90B	26
27	6.02B	4.76B	5.90B	98.2	91.6	39.7	9.22	3.76	3.15	26.9	8.62B	7.82B	27
28	6.02B	4.82B	6.00B	80.3	92.0	36.7	7.98	3.83	2.96	27.3	8.67B	7.50B	28
29	6.00B		6.35B	60.9	103	32.3	7.33	5.26	2.90	22.3	8.70B	7.12B	29
30	5.80B		6.80B	50.9	137	27.5	6.41	12.3	2.84	20.0	8.75B	7.63B	30
31	5.10B		7.50B		125		6.50	16.1		17.5		7.51B	31
TOTAL	194.51	134.85	171.77	2 604.40	2 361.4	2 612.5	475.31	156.67	151.42	384.33	300.26	252.03	TOTAL
MEAN	6.27	4.82	5.54	86.8	76.2	87.1	15.3	5.05	5.05	12.4	10.0	8.13	MEAN
MAX	6.90	5.28	7.50	224	150	371	28.4	16.1	12.7	27.3	16.5	8.81	MAX
MIN	5.10	4.30	4.90	8.60	51.1	27.5	6.41	3.39	2.84	2.90	8.45	7.12	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 371 ON JUN 12
MINIMUM DAILY, 2.84 ON SEP 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 09 15 N
LONG 122 28 30 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	41 100
FEB	11 700	AUG	13 500
MAR	14 800	SEP	13 100
APR	225 000	OCT	33 200
MAY	204 000	NOV	25 900
JUN	226 000	DEC	21 800

TOTAL DISCHARGE, 847 000 dam³

COULDREY CREEK IN LOT 9380 - STATION NO. 08NP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07 B	0.705B	0.622E	1.06	3.70	15.8	11.1	2.41	1.10	0.781	1.36	1.45	1
2	1.04 B	0.718B	0.634E	1.57	3.70	13.8	10.4	2.36	1.10	0.830	1.28	1.41	2
3	1.01 B	0.753B	0.645E	2.71	4.04	12.3	9.27	2.28	1.12	0.822	1.21	1.32	3
4	1.00 B	0.756	0.660E	3.35	5.07	11.7	7.98	2.20	1.08	0.840	1.15	1.29	4
5	0.995B	0.711	0.675E	3.02	7.55	11.7	7.04	2.17	1.06	1.02	1.09	1.25	5
6	1.01 B	0.707	0.683E	2.65	11.6	11.0	6.48	2.08	1.03	0.935	1.05	1.24	6
7	1.00 B	0.725	0.683E	2.52	11.8	11.2	6.02	2.03	1.03	0.872	1.04	1.13	7
8	0.995B	0.723	0.681A	2.53	9.65	11.4	5.62	1.98	1.00	0.854	0.977	1.10	8
9	1.11	0.696	0.644	2.49	7.73	11.3	5.37	1.89	0.981	0.859	1.13	1.14	9
10	1.26	0.722	0.647	2.24	6.69	12.8	5.20	1.81	0.951	0.916	2.26	1.19	10
11	1.10 B	0.795	0.628	2.11	6.39	13.5	4.95	1.79	0.945	0.886	3.09	1.19	11
12	1.08 B	0.760B	0.645	1.99	6.41	12.5	4.75	1.75	0.931	0.862	3.00	1.13	12
13	1.06	0.660B	0.627	1.98	6.67	11.2	4.55	1.66	0.918	0.873	2.71	1.12	13
14	0.998	0.555B	0.613	1.99	6.95	10.1	4.36	1.63	0.897	0.849	2.49	1.08	14
15	0.960	0.490B	0.616	2.20	6.65	9.65	4.07	1.53	0.900	0.831	2.24	1.07	15
16	0.943	0.482B	0.628	2.56	6.38	10.1	3.82	1.52	0.872	0.814	2.05	1.03	16
17	0.910B	0.488B	0.617	3.10	6.43	11.4	3.71	1.47	0.838	0.813	1.87	1.04	17
18	0.875B	0.500B	0.584	3.86	6.70	12.2	3.46	1.41	0.850	0.808	1.72	0.940B	18
19	0.850B	0.522B	0.609	5.22	6.86	15.7	3.20	1.38	0.875	0.798	1.55	0.752B	19
20	0.840B	0.560B	0.576	6.60	6.82	13.6	3.07	1.40	0.878	0.787	1.52	0.693B	20
21	0.848	0.618B	0.609	7.54	6.82	13.9	3.03	1.45	0.859	0.783	1.46	0.685B	21
22	0.828	0.675B	0.760B	8.07	7.09	14.0	2.90	1.42	0.829	0.748	1.44	0.711B	22
23	0.845	0.700B	0.660B	9.09	8.65	15.1	2.90	1.41	0.805	0.726	1.53	0.743B	23
24	0.819	0.704E	0.565B	9.75	11.5	15.9	2.86	1.31	0.795	0.739	2.06	0.780B	24
25	0.790	0.706E	0.570B	8.73	12.8	15.5	3.17	1.34	0.808	0.793	2.27	0.808B	25
26	0.818	0.692E	0.590B	7.17	11.8	14.9	3.12	1.34	0.798	0.871	2.06	0.818B	26
27	0.813	0.665E	0.604	6.10	10.9	13.9	3.00	1.26	0.754	0.893	1.88	0.820B	27
28	0.762	0.635E	0.628	5.35	11.4	12.6	2.96	1.25	0.744	0.925	1.71	0.691B	28
29	0.740B		0.656	4.57	13.4	11.6	2.77	1.22	0.782	0.901	1.58	0.672B	29
30	0.725B		0.707	4.07	15.9	11.2	2.61	1.19	0.766	0.944	1.50	0.820B	30
31	0.710B		0.852		16.4		2.44	1.15		1.29		0.850B	31
TOTAL	28.804	18.420	19.918	126.19	264.42	379.05	146.09	51.09	27.295	26.663	52.277	30.863	TOTAL
MEAN	0.929	0.658	0.643	4.21	8.53	12.6	4.71	1.65	0.910	0.860	1.74	0.996	MEAN
MAX	1.26	0.795	0.852	9.75	16.4	15.9	11.1	2.41	1.12	1.29	3.09	1.45	MAX
MIN	0.710	0.482	0.565	1.06	3.70	9.65	2.44	1.15	0.744	0.726	0.977	0.672	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 16.4 ON MAY 31
MINIMUM DAILY, 0.482B ON FEB 16
MAXIMUM INSTANTANEOUS,
16.8 AT 00:15 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 57 N
LONG 114 35 00 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 490	JUL	12 600
FEB	1 590	AUG	4 410
MAR	1 720	SEP	2 360
APR	10 900	OCT	2 300
MAY	22 800	NOV	4 520
JUN	32 700	DEC	2 670

TOTAL DISCHARGE, 101 000 dam³

COWICHAN LAKE NEAR LAKE COWICHAN - STATION NO. 08HA009

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.172	1.738	1.496	1.510	1.522	1.542	1.480	1.316	1.076	0.742	1.756	3.050	1
2	1.176	1.730	1.468	1.508	1.512	1.578	1.484	1.300	1.068	0.738	1.730	2.968	2
3	1.170	2.018	1.442	1.492	1.512	1.634	1.478	1.292	1.052	0.742	1.714	2.948	3
4	1.192	2.126	1.446	1.490	1.512	1.708	1.462	1.278	1.050	0.848	1.704	3.664	4
5	1.278	2.142	1.450	1.490	1.510	1.722	1.454	1.266	1.048	0.882	1.666	3.708	5
6	1.446	2.188	1.478	1.488	1.508	1.738	1.472	1.250	1.040	0.874	1.618	3.590	6
7	1.722	2.135E	1.496	1.488	1.500	1.764	1.480	1.250	1.032	0.864	1.610	3.418	7
8	1.902	2.082	1.556	1.490	1.488	1.748	1.472	1.242	1.020	0.852	1.596	3.374	8
9	1.998	2.048	1.572	1.492	1.478	1.734	1.474	1.236	1.008	0.832	1.738	3.260	9
10	2.070	2.070	1.592	1.470	1.472	1.722	1.464	1.222	0.998	0.850	2.196	3.156	10
11	2.064	2.296	1.582	1.452	1.468	1.728	1.464	1.210	0.984	0.806	3.098	3.034	11
12	2.018	2.282	1.568	1.456	1.462	1.710	1.462	1.202	0.978	0.854	3.250	2.902	12
13	1.996	2.272	1.560	1.442	1.462	1.682	1.462	1.198	0.966	0.868	3.404	2.776	13
14	1.952	2.210	1.552	1.472	1.464	1.658	1.448	1.184	0.952	0.858	3.396	2.658	14
15	1.918	2.207E	1.528	1.458	1.462	1.634	1.440	1.176	0.958	0.870	3.350	2.562	15
16	1.868	2.204	1.512	1.470	1.456	1.612	1.436	1.168	0.950	0.870	3.274	2.486	16
17	1.820	2.002	1.508	1.516	1.456	1.590	1.428	1.158	0.936	0.868	3.226	2.412	17
18	1.768	1.948	1.544	1.510	1.456	1.570	1.426	1.156	0.928	0.876	3.172	2.358	18
19	1.700	1.858	1.572	1.522	1.458	1.552	1.412	1.154	0.924	0.904	3.056	2.282	19
20	1.646	1.830	1.598	1.538	1.464	1.540	1.408	1.146	0.924	0.902	2.934	2.212	20
21	1.628	1.762	1.634	1.516	1.474	1.522	1.402	1.140	0.910	0.946	2.792	2.176	21
22	1.592	1.716	1.660	1.522	1.480	1.512	1.404	1.136	0.896	0.972	2.794	2.044	22
23	1.618	1.650	1.652	1.520	1.488	1.502	1.404	1.118	0.872	0.962	3.052	1.936	23
24	1.632	1.612	1.644	1.522	1.482	1.486	1.382	1.096	0.852	0.950	3.698	1.978	24
25	1.658	1.588	1.626	1.542	1.490	1.462	1.370	1.090	0.828	1.108	3.596	1.820	25
26	1.674	1.562	1.596	1.558	1.502	1.452	1.358	1.086	0.804	1.422	3.458	1.714	26
27	1.692	1.538	1.558	1.550	1.510	1.448	1.350	1.072	0.788	1.498	3.290	1.678	27
28	1.778	1.518	1.528	1.548	1.522	1.448	1.338	1.054	0.770	1.574	3.264	1.612	28
29	1.760		1.514	1.540	1.522	1.452	1.332	1.054	0.758	1.656	3.246	1.550	29
30	1.752		1.514	1.530	1.518	1.478	1.324	1.052	0.740	1.742	3.162	1.508	30
31	1.745E		1.510		1.526		1.322	1.080		1.768		1.488	31
MEAN	1.690	1.940	1.545	1.503	1.488	1.598	1.422	1.174	0.937	1.016	2.728	2.527	MEAN
MAX	2.070	2.296	1.660	1.558	1.526	1.764	1.484	1.316	1.076	1.768	3.698	3.708	MAX
MIN	1.170	1.518	1.442	1.442	1.456	1.448	1.322	1.052	0.740	0.738	1.596	1.488	MIN

WATER LEVELS IN METRES

MEAN, 1.628
MAXIMUM DAILY, 3.708 ON DEC 05
MINIMUM DAILY, 0.738 ON OCT 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 49 30 N
LONG 124 04 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1965

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 160.944 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COWICHAN RIVER AT LAKE COWICHAN - STATION NO. 08HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.5	70.1	53.2	53.9	32.1	13.7	8.72	7.59	7.49	7.03	71.3	177	1
2	37.1	71.3	52.1	54.1	30.7	14.7	8.85	7.66	7.23	6.95	68.8	164	2
3	36.7	89.8	51.1	48.8	30.3	22.8	8.29	7.08	7.40	13.0	67.6	173	3
4	37.7	95.9	50.8	45.5	28.5	31.9	8.00	7.01	7.03	20.1	66.9	235	4
5	41.3	101	50.6	45.3	27.7	34.9	8.16	7.32	7.28	21.4	64.8	238	5
6	52.8	101	51.9	45.2	27.3	36.4	8.50	7.08	7.22	21.1	62.1	224	6
7	69.8	98.2	54.2	45.2	24.8	42.7	7.99	7.61	7.12	20.5	60.8	208	7
8	81.3	94.0	54.9	45.3	22.7	46.0	8.07	7.53	7.54	19.9	60.1	198	8
9	87.9	90.4	56.2	44.2	22.3	48.3	8.05	7.27	7.59	19.6	73.6	191	9
10	91.8	92.0	59.4	42.9	20.4	53.8	7.76	7.03	7.60	19.7	112	181	10
11	90.7	105	59.0	42.4	16.7	53.5	7.40	7.15	7.48	19.4	178	170	11
12	89.2	109	58.0	41.8	15.7	51.6	7.41	7.17	7.18	20.3	193	157	12
13	86.7	106	56.4	40.3	15.5	49.2	7.14	7.02	7.01	21.0	209	145	13
14	83.9	102	56.5	40.4	14.7	46.5	8.14	6.74	6.80	20.6	209	136	14
15	81.1	98.0	55.2	40.5	14.3	43.4	8.64	7.27	7.41	21.0	201	130	15
16	78.1	92.8	54.3	40.9	13.2	37.4	8.22	7.39	7.50	20.9	195	123	16
17	74.0	87.0	54.1	41.6	11.4	32.7	8.21	7.25	7.31	20.5	193	116	17
18	70.5	82.4	56.0	39.3	9.54	30.7	8.25	7.29	7.15	23.6	183	111	18
19	66.8	77.6	58.3	38.9	9.58	27.3	7.47	7.03	7.39	24.5	173	105	19
20	63.8	74.4	60.8	39.5	9.62	25.0	7.24	6.99	7.37	24.8	160	99.3	20
21	61.0	70.6	62.9	39.7	9.54	23.8	7.28	6.94	7.23	26.7	148	93.2	21
22	60.7	66.0	64.0	38.8	10.1	22.3	7.27	6.83	13.5	27.6	149	86.8	22
23	60.7	63.1	63.6	39.5	9.43	21.3	7.29	7.27	19.2	27.7	193	82.2	23
24	59.6	60.5	62.7	37.0	8.91	20.5	7.08	7.40	18.8	28.1	236	77.1	24
25	62.8	59.1	60.9	36.3	8.32	17.2	7.27	7.26	18.6	39.3	227	73.1	25
26	64.3	57.3	58.9	36.6	8.20	12.9	7.29	7.04	17.9	51.2	211	69.1	26
27	65.5	55.9	57.3	36.9	8.79	11.4	7.12	7.19	10.9	55.5	194	65.3	27
28	68.1	54.4	55.5	36.6	9.52	9.32	7.16	7.07	6.72	59.6	180	60.8	28
29	71.0		54.5	35.8	9.41	8.39	7.48	7.22	6.91	63.0	188	57.3	29
30	72.3		54.5	33.3	9.23	8.56	7.28	7.53	6.89	70.0	187	54.6	30
31	71.1		54.2		10.9		7.23	7.49		72.0		52.7	31
TOTAL	2 075.8	2 325.0	1 752.0	1 246.5	499.39	897.97	240.26	223.74	272.75	906.58	4 515.0	4 053.5	TOTAL
MEAN	67.0	83.0	56.5	41.6	16.1	29.9	7.75	7.22	9.09	29.2	151	131	MEAN
MAX	91.8	109	64.0	54.1	32.1	53.8	8.85	7.66	19.2	72.0	236	238	MAX
MIN	36.7	54.4	50.6	33.3	8.20	8.39	7.08	6.74	6.72	6.95	60.1	52.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.1
MAXIMUM DAILY, 238 ON DEC 05
MINIMUM DAILY, 6.72 ON SEP 28
MAXIMUM INSTANTANEOUS,
243 AT 20:06 PST ON DEC 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 34 N
LONG 124 03 07 W
DRAINAGE AREA, 596 km²

REGULATED SINCE 1965

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	179 000	JUL	20 800
FEB	201 000	AUG	19 300
MAR	151 000	SEP	23 600
APR	108 000	OCT	78 300
MAY	43 100	NOV	390 000
JUN	77 600	DEC	350 000

TOTAL DISCHARGE, 1 640 000 dam³

COWICHAN RIVER NEAR DUNCAN - STATION NO. 08HA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.6	87.5	61.3	59.0	33.6	15.6	7.56	5.49	5.44	5.82	71.2	196	1
2	39.4	95.9	59.2	58.9	32.5	16.2	7.94	6.07	5.74	6.41	68.3	180	2
3	39.6	174	57.8	55.4	31.1	22.9	7.88	5.44	6.68	8.38	69.8	225	3
4	43.8	137	57.4	50.7	30.0	32.8	7.23	5.24	6.93	19.1	68.8	326	4
5	54.8	149	57.5	49.5	28.0	36.5	7.23	5.38	6.61	19.9	65.5	267	5
6	81.9	138	62.4	49.0	27.9	36.9	7.59	5.51	6.04	19.1	62.2	241	6
7	132	124	70.8	49.1	26.2	42.1	7.37	5.52	5.53	18.7	62.5	220	7
8	119	114	70.9	48.3	23.4	47.1	6.89	5.65	5.67	18.1	61.4	218	8
9	120	109	73.7	47.0	22.5	48.3	6.87	5.48	5.62	17.7	107	222	9
10	119	120	89.3	45.7	21.7	55.7	6.46	5.40	5.50	17.8	196	208	10
11	110	162	78.4	45.1	17.8	54.8	6.26	5.54	5.47	17.6	246	191	11
12	105	144	72.5	45.0	16.4	53.7	6.04	5.40	5.69	18.6	225	175	12
13	102	130	68.4	43.5	16.0	50.9	6.19	5.02	5.22	18.8	258	162	13
14	98.1	121	69.6	42.8	15.7	47.6	6.17	4.99	4.91	19.0	233	153	14
15	93.1	113	66.0	42.9	14.4	44.1	7.22	4.89	5.23	1.9	220	150	15
16	88.4	107	64.5	43.6	13.7	37.7	6.77	5.66	5.58	19.3	211	143	16
17	82.8	99.1	64.7	45.8	12.7	32.2	6.70	5.69	5.37	19.0	211	136	17
18	77.5	92.6	69.0	42.5	9.67	30.6	6.73	5.41	5.61	22.1	199	133	18
19	72.6	86.1	71.9	42.0	9.71	26.5	6.37	5.25	5.56	23.2	187	125	19
20	68.2	83.0	74.7	42.8	9.50	24.5	5.96	5.13	5.68	22.6	171	117	20
21	64.9	79.0	77.1	42.6	9.79	22.9	5.85	5.19	5.30	26.8	162	116 E	21
22	67.9	74.7	76.2	41.0	10.7	21.8	5.98	5.07	7.29	26.7	176	108 E	22
23	70.1	70.8	74.2	44.0	10.1	20.5	6.03	5.23	12.8	25.9	266	100 E	23
24	67.1	69.7	71.2	42.9	9.09	19.3	5.78	5.76	15.5	26.5	283	95.0E	24
25	80.1	68.9	68.1	41.3	8.83	18.1	5.67	5.38	15.7	40.4	247	89.0E	25
26	81.6	67.8	65.4	41.4	8.40	12.7	5.98	5.10	15.1	57.2	222	83.5E	26
27	82.3	65.4	62.5	41.1	8.64	11.6	5.69	5.20	12.2	57.0	205	79.0E	27
28	94.6	63.1	60.4	40.3	9.11	9.40	5.44	5.25	4.97	61.6	194	74.0E	28
29	101		59.2	38.6	9.40	7.78	5.85	5.12	5.11	65.8	236	68.0E	29
30	96.8		58.9	35.8	9.43	7.42	5.70	5.67	5.50	74.4	213	63.5E	30
31	89.4		58.8		11.8		5.35	5.94		73.6		59.0E	31
TOTAL	2 583.6	2 945.6	2 091.1	1 357.6	517.77	908.40	200.75	167.07	216.55	887.01	5 197.7	4 723.0	TOTAL
MEAN	83.3	105	67.5	45.3	16.7	30.3	6.48	5.39	7.22	28.6	173	152	MEAN
MAX	132	174	89.3	59.0	33.6	55.7	7.94	6.07	15.8	74.4	283	326	MAX
MIN	39.4	63.1	57.4	35.8	8.40	7.42	5.35	4.89	4.91	5.82	61.4	59.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.7
MAXIMUM DAILY, 326 ON DEC 04
MINIMUM DAILY, 4.89 ON AUG 15
MAXIMUM INSTANTANEOUS,
371 AT 06:20 PST ON DEC 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 22 N
LONG 123 42 44 W
DRAINAGE AREA, 826 km²

E - ESTIMATED
REGULATED SINCE 1965

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	223 000	JUL	17 300
FEB	254 000	AUG	14 400
MAR	181 000	SEP	18 700
APR	117 000	OCT	76 600
MAY	44 700	NOV	449 000
JUN	78 500	DEC	408 000

TOTAL DISCHARGE, 1 880 000 dam³

CRAVEN CREEK NEAR THE MOUTH - STATION NO. 08DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	0.450B	0.550B	0.520B	1.12	27.2	14.8	4.35	7.53	5.74	1.08 A	0.703B	1
2	0.595B	0.455B	0.550B	0.520B	1.21	25.4	14.9	3.64	6.70	5.29	1.06 B	0.691B	2
3	0.590B	0.470B	0.545B	0.520B	1.40	22.1	15.1	3.53	6.31	4.73	1.05 B	0.685B	3
4	0.580B	0.480B	0.540B	0.520B	1.76	16.2	14.6	4.54	6.89	4.32	1.04 B	0.682B	4
5	0.570B	0.485B	0.530B	0.520B	2.26	15.2	14.5	4.06	7.77	3.96	1.03 B	0.681B	5
6	0.565B	0.485B	0.510B	0.520B	2.82	13.8	14.6	4.12	6.76	3.67	1.02 B	0.681B	6
7	0.560B	0.485B	0.490B	0.535B	5.47	15.8	14.0	3.85	7.34	3.57	1.01 B	0.681B	7
8	0.560B	0.485B	0.475B	0.530B	5.66	16.1	11.8	3.96	6.27	3.61	1.00 B	0.681B	8
9	0.570B	0.480B	0.475B	0.535B	5.32	15.3	12.0	4.09	5.64	3.80	0.985B	0.680B	9
10	0.575B	0.475B	0.475B	0.540B	3.77	15.3	14.1	4.91	5.26	3.52	0.957B	0.679B	10
11	0.575B	0.475B	0.480B	0.550B	4.15	17.1	13.2	5.32	5.62	3.27	0.932B	0.675B	11
12	0.580B	0.475B	0.490B	0.570	4.45	18.7	11.1	5.10	5.64	3.09	0.915B	0.665B	12
13	0.575B	0.480B	0.495B	0.575	4.87	20.8	10.5	5.10	5.05	2.94	0.903B	0.661B	13
14	0.570B	0.485B	0.495B	0.611	5.69	30.9	8.37	7.64	5.50	2.74	0.905B	0.648B	14
15	0.565B	0.490B	0.490B	0.682	6.93	23.6	8.19	8.48	5.48	2.54	0.910B	0.637B	15
16	0.565B	0.495B	0.485B	0.721	8.08	17.4	8.41	8.88	4.79	2.39	0.918B	0.620B	16
17	0.575B	0.500B	0.485B	0.740	9.61	15.0	6.95	8.63	4.06	2.17	0.915B	0.600B	17
18	0.580B	0.510B	0.480B	0.766	8.51	14.4	7.69	7.93	4.52	2.10	0.905B	0.599B	18
19	0.585B	0.525B	0.475B	0.840	8.14	14.6	8.77	7.35	4.37	1.96	0.890B	0.599B	19
20	0.595B	0.530B	0.470B	0.909	8.09	14.2	9.06	9.74	5.50	1.93	0.863B	0.599B	20
21	0.595B	0.535B	0.470B	0.934	9.08	18.3	9.80	9.21	6.23	1.87	0.842B	0.598B	21
22	0.595B	0.540B	0.470B	0.976	10.0	22.7	10.7	8.37	6.41	1.86	0.802B	0.597B	22
23	0.590B	0.540B	0.475B	1.04	11.0	17.9	10.3	7.81	6.84	1.75	0.780B	0.596B	23
24	0.580B	0.540B	0.485B	1.00	10.1	15.7	9.77	7.62	7.03	1.77	0.768B	0.594B	24
25	0.570B	0.545B	0.495B	1.02	9.95	13.3	9.19	7.06	7.03	1.57	0.760B	0.588B	25
26	0.555B	0.545B	0.505B	1.03	10.4	12.4	7.15	7.10	6.00	1.52	0.758B	0.582B	26
27	0.540B	0.550B	0.510B	1.03	12.9	13.1	5.96	6.78	5.21	1.51	0.758B	0.579B	27
28	0.500B	0.555B	0.515B	1.02	14.6	13.5	6.00	6.25	5.24	1.42	0.758B	0.571B	28
29	0.460B		0.520B	1.06	20.9	16.1	6.40	9.45	7.38	1.31	0.751B	0.560B	29
30	0.450B		0.520B	1.09	26.5	16.4	9.81	10.7	6.56	1.24	0.740B	0.552B	30
31	0.445B		0.520B		27.0		7.26	10.2		1.15		0.546B	31
TOTAL	17.420	14.065	15.465	22.414	253.66	510.4	321.98	207.55	182.76	84.51	27.015	19.510	TOTAL
MEAN	0.562	0.502	0.499	0.747	8.18	17.0	10.4	6.70	6.09	2.73	0.901	0.629	MEAN
MAX	0.610	0.555	0.550	1.09	27.0	30.9	15.1	10.7	7.77	5.74	1.08	0.703	MAX
MIN	0.445	0.450	0.470	0.520	1.12	12.1	5.96	3.53	4.06	1.15	0.740	0.546	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.59
MAXIMUM DAILY, 30.9 ON JUN 14
MINIMUM DAILY, 0.445B ON JAN 31
MAXIMUM INSTANTANEOUS,
38.3 AT 01:53 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 58 05 N
LONG 129 27 57 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 510	JUL	27 800
FEB	1 220	AUG	17 900
MAR	1 340	SEP	15 800
APR	1 940	OCT	7 300
MAY	21 900	NOV	2 330
JUN	44 100	DEC	1 690

TOTAL DISCHARGE, 145 000 dam³

CRISS CREEK NEAR SAVONA - STATION NO. 08LF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420B	0.250B	0.230	0.690	5.72	14.9	1.51	2.24	0.800	0.249	0.311A	0.208B	1
2	0.410B	0.320B	0.223	0.874	7.76	12.4	1.54	1.52	0.686	0.238	0.214A	0.215B	2
3	0.390B	0.300B	0.221	1.02	11.4 A	12.6	3.06	1.29	0.607	0.229	0.283A	0.221B	3
4	0.405B	0.270B	0.234	1.21	13.5 A	14.6	1.50E	1.20	0.548	0.221	0.226A	0.215B	4
5	0.435B	0.310B	0.234	1.41	14.8 A	11.5	1.40E	1.19	0.512	0.258A	0.311A	0.211B	5
6	0.440B	0.290B	0.220	1.61	18.5 A	9.46	5.87	1.03	0.465	0.234A	0.410A	0.210B	6
7	0.435B	0.280B	0.223	1.82	13.6 A	8.97	26.9	0.923	0.429	0.258A	0.248A	0.208B	7
8	0.425B	0.270B	0.216	2.06	11.2 A	7.99	15.8	0.911	0.420	0.234A	0.299A	0.209B	8
9	0.404B	0.280B	0.196	2.76	9.12A	7.49	10.3	0.887	0.399	0.234A	0.283A	0.208B	9
10	0.390B	0.300B	0.195	1.99	8.85A	10.5	7.78	0.779	0.354	0.258A	0.283A	0.205B	10
11	0.365B	0.280B	0.190	2.03	8.10A	16.7	6.15	0.704	0.346	0.285E	0.299A	0.200B	11
12	0.385B	0.260B	0.189B	2.43	10.3 A	37.8	5.03	0.751	0.349	0.311A	0.410A	0.198B	12
13	0.410B	0.240B	0.188B	3.20	8.45A	41.5	4.30	0.733	0.330	0.258A	0.722A	0.188B	13
14	0.430B	0.220B	0.189B	3.55	8.96A	36.1	3.51	0.724	0.313	0.243A	0.873A	0.187B	14
15	0.415B	0.230B	0.192B	4.60	7.18A	28.1	3.11	0.720	0.294	0.258A	0.438A	0.187B	15
16	0.400B	0.210B	0.197	5.05	6.76A	21.5	2.66	0.693	0.335	0.258A	0.380B	0.188B	16
17	0.355B	0.190B	0.228	5.90	8.60A	16.4	2.33	0.668	0.363	0.311A	0.345B	0.175B	17
18	0.365B	0.210B	0.278	6.62	11.4 A	12.3	2.11	0.635	0.372	0.258A	0.320B	0.164B	18
19	0.370B	0.230B	0.344	7.19	11.4 A	11.3	2.01	0.684	0.330	0.258A	0.300B	0.153B	19
20	0.365B	0.270B	0.376	7.70	10.3 A	15.5	1.92	0.797	0.311	0.258A	0.290B	0.150B	20
21	0.390B	0.290B	0.414	7.75	10.3 A	12.2	1.75	0.786	0.307	0.258A	0.280B	0.156B	21
22	0.415B	0.280B	0.350	7.40	9.52A	9.63	1.57	0.964	0.296	0.311A	0.270B	0.167B	22
23	0.430B	0.285B	0.330	7.86	11.4 A	8.32	1.55	1.18	0.279	0.311A	0.260B	0.175B	23
24	0.395B	0.295B	0.347	9.58	12.9 A	6.93	1.74	1.19	0.281	0.258A	0.246	0.182B	24
25	0.425B	0.300B	0.487	9.07	25.9 A	5.81	3.74	1.06	0.296	0.311A	0.214	0.179B	25
26	0.410B	0.283B	0.396	7.85	35.8	5.19	3.11	1.16	0.275	0.311A	0.210B	0.170B	26
27	0.370B	0.270B	0.318	7.17	24.9	3.81	2.29	1.07	0.268	0.410A	0.208B	0.160B	27
28	0.350B	0.251B	0.351	6.76	19.7	3.17	1.73	0.990	0.250	0.375A	0.202B	0.152B	28
29	0.320B		0.409	5.77	22.3	2.56	1.51	0.739	0.265	0.396A	0.200B	0.163B	29
30	0.280B		0.479	5.15	23.0	2.09	1.50	0.794	0.253	0.311A	0.200B	0.180B	30
31	0.200B		0.610		18.5		2.31	0.915		0.368A		0.194B	31
TOTAL	11.999	7.464	9.051	137.064	420.12	410.32	133.59	29.827	11.333	8.731	9.535	5.778	TOTAL
MEAN	0.387	0.267	0.292	4.57	13.6	13.7	4.31	0.962	0.378	0.282	0.318	0.186	MEAN
MAX	0.440	0.320	0.610	9.58	35.8	41.5	26.9	2.24	0.800	0.410	0.873	0.221	MAX
MIN	0.200	0.190	0.188	0.690	5.72	2.09	1.40	0.635	0.250	0.221	0.200	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.27
MAXIMUM DAILY, 41.5 ON JUN 13
MINIMUM DAILY, 0.150B ON DEC 20
MAXIMUM INSTANTANEOUS,
53.9 AT 07:32 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 120 57 54 W
DRAINAGE AREA, 490 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 040	JUL	11 500
FEB	645	AUG	2 580
MAR	782	SEP	979
APR	11 800	OCT	754
MAY	36 300	NOV	824
JUN	35 500	DEC	499

TOTAL DISCHARGE, 103 000 dam³

CRUICKSHANK RIVER NEAR THE MOUTH - STATION NO. 08HB074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.67	6.57	6.53	17.6	12.3	17.7	15.4	5.24	3.82	2.62	21.0	15.5	1
2	7.07	9.08	6.68	18.3	18.6	27.6	13.3	4.98	3.76	2.76	18.1	12.9	2
3	6.76	20.0	6.96	16.2	20.0	87.8	12.3	4.83	3.58	3.65	17.9	109	3
4	7.07	12.6	8.78	15.2	22.9	38.3	10.8	4.78	3.38	11.3	17.8	157	4
5	14.6	11.5	9.91	14.7	26.3	26.0	11.4	4.68	3.18	6.33	16.6	42.4	5
6	24.9	9.51	9.92	15.1	21.4	32.3	14.6	4.69	3.15	4.66	15.2	26.0	6
7	32.9	8.18	9.35	16.4	14.4	29.9	12.7	4.65	3.07	3.86	14.6	20.8	7
8	26.2	7.26	8.48	17.7	15.4	25.4	11.0	4.53	3.09	3.48	13.7	25.9	8
9	21.5	6.93	8.91	14.5	17.3	27.3	10.2	4.41	3.15	4.05	24.8	22.2	9
10	16.2	6.98	7.73	12.8	13.2	27.5	9.69	4.41	3.12	4.71	94.3	18.2	10
11	13.0	8.33	7.20	14.9	14.9	24.3	9.60	4.40	3.09	4.64	360	15.2	11
12	11.9	7.81	6.75	16.5	17.0	21.1	9.58	4.41	3.07	5.75	203	13.3	12
13	11.0	7.05	6.82	14.2	16.7	19.3	9.10	4.37	3.02	5.33	92.1	11.2	13
14	10.1	6.51	7.15	14.5	14.9	18.4	8.46	4.07	2.93	4.96	37.9	10.5	14
15	14.7	6.27	7.27	17.1	14.0	18.3	8.09	3.93	2.80	4.75	23.8	10.3	15
16	13.5	5.95	7.27	22.7	15.8	17.4	7.90	4.54	2.86	4.54	40.8	8.99	16
17	11.6	5.56	11.3	36.7	16.5	15.2	7.44	4.68	2.89	4.78	35.0	8.48	17
18	10.2	5.22	19.3	28.5	16.5	14.8	6.91	4.38	2.77	6.23	20.0	8.14	18
19	9.35	5.04	17.8	22.4	14.4	15.5	6.67	4.13	2.67	6.44	15.9	7.41	19
20	8.48	4.97	17.0	22.2	13.9	15.0	6.53	4.02	2.56	5.93	13.3	6.82	20
21	8.10	4.78	16.2	19.2	14.7	14.6	6.45	3.96	2.61	8.58	12.0	6.23	21
22	8.39	4.68	15.3	17.8	13.5	15.1	6.38	4.07	2.60	8.08	15.3	6.15	22
23	9.10	4.66	13.8	18.3	21.4	14.3	6.37	3.87	2.63	7.43	309	5.85	23
24	9.83	5.22	12.0	18.8	15.4	12.3	6.13	4.03	2.62	90.0	80.7	5.59	24
25	11.7	6.24	10.4	16.4	13.1	11.2	5.94	3.77	2.57	239	28.2	5.38	25
26	10.4	6.57	9.73	14.6	13.4	9.89	5.91	3.63	2.48	70.1	18.8	5.19	26
27	9.18	6.43	9.61	12.9	38.6	9.15	5.76	3.44	2.40	70.1	15.2	5.00	27
28	8.49	6.50	10.3	11.7	35.8	11.7	5.52	3.33	2.34	65.3	16.2	4.66	28
29	7.99		12.3	10.7	24.5	18.1	5.29	3.40	2.32	44.0	54.6	4.30	29
30	7.46		14.5	10.4	25.3	19.8	5.33	3.71	2.35	38.0	21.2	4.20	30
31	7.04		16.7		22.1		5.35	3.97		26.7		4.12	31
TOTAL	387.08	206.40	331.05	518.5	586.2	651.24	266.10	131.31	86.88	768.06	1 667.0	606.91	TOTAL
MEAN	12.5	7.37	10.7	17.3	18.9	21.7	8.58	4.24	2.90	24.8	55.6	19.6	MEAN
MAX	32.9	20.0	19.3	36.7	38.6	87.8	15.4	5.24	3.82	239	360	157	MAX
MIN	6.76	4.66	6.53	10.4	12.3	9.15	5.29	3.33	2.32	2.62	12.0	4.12	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 360 ON NOV 11
MINIMUM DAILY, 2.32 ON SEP 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 45 N
LONG 125 12 03 W
DRAINAGE AREA, 214 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 400	JUL	23 000
FEB	17 800	AUG	11 300
MAR	28 600	SEP	7 510
APR	44 800	OCT	66 400
MAY	50 600	NOV	144 000
JUN	56 300	DEC	52 400

TOTAL DISCHARGE, 536 000 dam³

CUSHEON CREEK AT OUTLET OF CUSHEON LAKE - STATION NO. 08HA026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.059	0.451	0.142	0.067	0.090	0.040	0.003	0.001	0.001	0	0.001	0.450	1
2	0.061	0.504	0.139	0.066	0.081	0.052	0.002	0.001	0.001	0	0.001	0.417	2
3	0.073	0.645E	0.124	0.062	0.075	0.058	0.002	0.001	0.001	0	0.001	0.586	3
4	0.089	0.811	0.118	0.060	0.068	0.057	0.002	0.001	0.001	0	0.001	1.91	4
5	0.148	0.974	0.107	0.056	0.065	0.060	0.001	0.001	0.001	0	0.001	1.96	5
6	0.183	1.10	0.110	0.054	0.058E	0.062	0.001	0.001	0.001	0	0.001	1.73	6
7	0.451	1.04	0.115	0.049	0.050	0.062	0.001	0.001	0.001	0	0.001	1.10	7
8	0.523	0.886	0.170	0.044	0.047	0.068	0.001	0.001	0.001	0	0.001	0.822	8
9	0.542	0.744	0.206	0.042	0.043	0.066	0.001	0.001	0.001	0	0.002	0.943E	9
10	0.593	0.663	0.277	0.041	0.041	0.065	0.001	0.001	0.001	0	0.013	1.06	10
11	0.523	0.560	0.289E	0.039	0.041	0.063	0.001	0.001	0.001	0	0.007	0.942	11
12	0.441	0.457	0.304	0.038	0.040	0.054	0.001	0.001	0.001	0	0.028E	0.744	12
13	0.385	0.408	0.277	0.038	0.042	0.052	0.001	0.001	0.001	0	0.058	0.650	13
14	0.345	0.345	0.273	0.041	0.039	0.050	0.001	0.001	0.001	0	0.125	0.546	14
15	0.324	0.317	0.253	0.041	0.038	0.047	0.001	0.001	0.001	0	0.180	0.490	15
16	0.262	0.284E	0.218	0.039	0.038	0.042	0.001	0.001	0.001	0	0.184	0.450	16
17	0.242	0.253	0.206	0.042	0.037	0.037	0.001	0.001	0.001	0	0.201	0.423	17
18	0.218E	0.206	0.190	0.040	0.033	0.026	0.001	0.001	0.001	0	0.183	0.417	18
19	0.198	0.184	0.172	0.043E	0.032	0.024	0.001	0.001	0.001	0	0.170	0.368	19
20	0.182	0.184	0.165	0.046	0.032	0.009	0.001	0.001	0.001	0	0.146	0.329	20
21	0.169E	0.172	0.148	0.045E	0.030	0.008	0.001	0.001	0.001	0	0.156	0.279	21
22	0.164	0.163	0.139	0.044	0.033	0.006	0.001	0.001	0.001	0	0.139	0.241	22
23	0.169	0.155	0.131	0.073	0.031	0.006	0.001	0.001	0.001	0	0.173	0.213	23
24	0.163	0.170	0.123	0.076	0.030	0.005	0.001	0.001	0.001	0	0.426	0.187	24
25	0.192	0.170	0.118	0.101	0.028	0.003	0.001	0.001	0.001	0	0.479	0.174	25
26	0.187	0.166	0.103	0.104	0.027	0.003	0.001	0.001	0.001	0	0.507	0.117	26
27	0.238	0.163	0.098	0.108	0.026	0.003	0.001	0.001	0.001	0	0.464	0.137E	27
28	0.247	0.153	0.089	0.120	0.025	0.003	0.001	0.001	0.001	0.001	0.417	0.165	28
29	0.276		0.081	0.111	0.023	0.003	0.001	0.001	0.001	0.001	0.464	0.152	29
30	0.370		0.076	0.103	0.022	0.003	0.001	0.001	0.001	0.001	0.450	0.146	30
31	0.434		0.074		0.034		0.001	0.001		0.003		0.133	31
TOTAL	8.451	12.328	5.035	1.833	1.299	1.037	0.036	0.031	0.030	0.006	4.980	18.281	TOTAL
MEAN	0.273	0.440	0.162	0.061	0.042	0.035	0.001	0.001	0.001	0	0.166	0.590	MEAN
MAX	0.593	1.10	0.304	0.120	0.090	0.068	0.003	0.001	0.001	0.003	0.507	1.96	MAX
MIN	0.059	0.153	0.074	0.038	0.022	0.003	0.001	0.001	0.001	0	0.001	0.117	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.146
MAXIMUM DAILY, 1.96 ON DEC 05
MINIMUM DAILY, 0 ON OCT 01

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 42 N
LONG 123 27 16 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	730	JUL	3.11
FEB	1 070	AUG	2.68
MAR	435	SEP	2.59
APR	158	OCT	0.518
MAY	112	NOV	430
JUN	89.6	DEC	1 580

TOTAL DISCHARGE, 4 610 dam³

CUSHEON LAKE NEAR GANGES - STATION NO. 08HA038

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.964	1.218	1.041	0.988	1.013	0.946	0.952	0.800	0.679	0.599	0.651	1.222	1
2	0.971	1.221	1.036	0.982	1.007	0.956	0.951	0.793	0.674	0.593	0.651	1.210	2
3	0.993	1.279	1.033	0.977	1.002	0.974	0.950	0.789	0.671	0.601	0.663	1.239	3
4	1.003	1.347	1.027	0.974	0.995	0.982	0.946	0.783	0.665	0.612	0.670	1.432	4
5	1.050	1.379	1.021	0.971	0.992	0.988	0.943	0.766	0.662	0.612	0.665	1.532	5
6	1.160	1.420	1.017	0.964	0.979	0.988	0.941	0.764E	0.660	0.609	0.664	1.492	6
7	1.248	1.418	1.035	0.960	0.976	0.995	0.940	0.762	0.656	0.608	0.671	1.380	7
8	1.268	1.367	1.039	0.956	0.971	0.999	0.935	0.759	0.651	0.605	0.670	1.290	8
9	1.266E	1.309	1.050	0.951	0.965	1.002	0.932	0.752	0.648	0.602	0.700	1.286	9
10	1.263	1.257	1.096	0.949	0.962	1.002	0.928	0.748	0.648	0.600	0.750	1.318	10
11	1.236	1.223	1.108	0.945	0.956	1.002	0.923	0.744	0.644E	0.598	0.788	1.324	11
12	1.208	1.191	1.113	0.943	0.955	0.995	0.918	0.739	0.638	0.609	0.822	1.284	12
13	1.178	1.171	1.108	0.940	0.953	0.995	0.913	0.733	0.638	0.603	0.923	1.241	13
14	1.147	1.158	1.098	0.945	0.955	0.992	0.910	0.724	0.634	0.601	1.016	1.211	14
15	1.132	1.126	1.090	0.945	0.953	0.990	0.903	0.716	0.631	0.612	1.063	1.191	15
16	1.112	1.107	1.076	0.943	0.950	0.983	0.896	0.711	0.637	0.616	1.079	1.174	16
17	1.094	1.091	1.068	0.951	0.943	0.980	0.889	0.705	0.632	0.613	1.093	1.171	17
18	1.079	1.082	1.058	0.948	0.939	0.972	0.882	0.701	0.630	0.619	1.084	1.158	18
19	1.069	1.082	1.050	0.950	0.935	0.971	0.875	0.701	0.628	0.619	1.071	1.146	19
20	1.058	1.065	1.046	0.954	0.935	0.968	0.868	0.700	0.625	0.614	1.063	1.131	20
21	1.045	1.051	1.037	0.953	0.934	0.967	0.863	0.694	0.624	0.621	1.050	1.112	21
22	1.045	1.048	1.034	0.953	0.937	0.965	0.860	0.692	0.620	0.631	1.056	1.160	22
23	1.045	1.044	1.028	0.972	0.937	0.964	0.852	0.690	0.618	0.630	1.073	1.140	23
24	1.045	1.046	1.026	0.994	0.933	0.964	0.845	0.683	0.615	0.629	1.178	1.132	24
25	1.058	1.046	1.022	1.013	0.929	0.962	0.841	0.679	0.612	0.631	1.242	1.146	25
26	1.060	1.046	1.014	1.015	0.923	0.960	0.832	0.676E	0.610	0.639	1.250	1.101	26
27	1.077	1.046	1.012	1.014	0.920	0.957	0.824	0.672	0.608	0.639	1.239	1.061	27
28	1.084	1.045	1.013	1.020	0.920	0.954	0.820	0.666	0.605	0.644	1.206	1.066	28
29	1.098		1.004	1.019	0.915	0.959	0.814	0.660	0.603	0.648	1.218	1.061	29
30	1.136		1.001	1.015	0.912	0.952	0.811	0.663	0.600	0.655	1.219	1.161	30
31	1.177		0.993		0.917		0.808	0.680		0.652		1.146	31
MEAN	1.109	1.174	1.045	0.970	0.952	0.976	0.889	0.721	0.636	0.618	0.950	1.217	MEAN
MAX	1.268	1.420	1.115	1.020	1.013	1.002	0.952	0.800	0.679	0.655	1.250	1.532	MAX
MIN	0.964	1.044	0.993	0.940	0.912	0.946	0.808	0.660	0.600	0.593	0.651	1.061	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 0.937
MAXIMUM DAILY, 1.532 ON DEC 05
MINIMUM DAILY, 0.593 ON OCT 02

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 52 N
LONG 123 28 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DAWSON CREEK ABOVE SOUTH DAWSON CREEK - STATION NO. 07FD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.121	0.517	0.052E	0	0	0	0.028	---	1
2	---	---	---	---	0.130	0.444	0.037E	0	0	0.001	0.025	---	2
3	---	---	---	---	0.111	0.349	0.040E	0	0	0	0.024	---	3
4	---	---	---	---	0.114	0.424	0.011E	0	0	0	0.025	---	4
5	---	---	---	---	0.094	0.652	0.010E	0	0	0.001	0.025	---	5
6	---	---	---	---	0.078	0.613	0.007E	0	0	0	0.025	---	6
7	---	---	---	---	0.104	0.452	0.005E	0	0	0	0.026	---	7
8	---	---	---	---	0.095	0.264	0.003E	0	0	0	---	---	8
9	---	---	---	---	0.142	0.164	0.002E	0	0	0.017	---	---	9
10	---	---	---	---	0.151	0.243	0.001E	0	0	0.012	---	---	10
11	---	---	---	---	0.236	3.59	0.001	0	0	0.007	---	---	11
12	---	---	---	---	0.443	35.8 E	0.001	0.004	0	0.007	---	---	12
13	---	---	---	---	1.05	28.0 E	0.001	0.058	0	0.006	---	---	13
14	---	---	---	---	0.871	21.0 E	0	0.003	0	0.006	---	---	14
15	---	---	---	---	0.518	9.60 E	0	0	0	0.005	---	---	15
16	---	---	---	---	0.320	3.60 E	0.004	0	0	0.006	---	---	16
17	---	---	---	---	0.221	2.10 E	0.020	0	0	0.007	---	---	17
18	---	---	---	---	0.433	1.60 E	0.005	0	0	0.006	---	---	18
19	---	---	---	---	0.413	1.30 E	0.003	0	0	0.009	---	---	19
20	---	---	---	0.211	0.314	1.10 E	0.001	0	0	0.016	---	---	20
21	---	---	---	0.149	0.259	0.820E	0	0	0	0.026	---	---	21
22	---	---	---	0.121	0.207	0.640E	0.001	0	0	0.024	---	---	22
23	---	---	---	0.132	0.180	0.520E	0.001	0.002	0	0.018	---	---	23
24	---	---	---	0.253	0.166	0.340E	0.001	0	0	0.016	---	---	24
25	---	---	---	1.01	0.629	0.240E	0.001	0	0	0.019	---	---	25
26	---	---	---	0.949	1.62	0.180E	0.001	0	0	0.043	---	---	26
27	---	---	---	0.507	1.49	0.075E	0.001	0	0	0.048	---	---	27
28	---	---	---	0.248	0.775	0.030E	0.001	0	0	0.036	---	---	28
29	---	---	---	0.173	0.459	0.015E	0	0	0	0.033	---	---	29
30	---		---	0.137	0.337	0.020E	0	0	0	0.034	---	---	30
31	---		---		0.519		0	0		0.031		---	31
TOTAL	---	---	---	---	12.600	114.692	0.211	0.067	0	0.434	---	---	TOTAL
MEAN	---	---	---	---	0.407	3.82	0.007	0.002	0	0.014	---	---	MEAN
MAX	---	---	---	---	1.62	35.8	0.052	0.058	0	0.048	---	---	MAX
MIN	---	---	---	---	0.078	0.015	0	0	0	0	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 35.8E ON JUN 12
MINIMUM DAILY, 0 ON JUL 14
MAXIMUM INSTANTANEOUS,
52.9E AT 14:30 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 43 N
LONG 120 15 00 W
DRAINAGE AREA, 116 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	18.2
FEB	---	AUG	5.79
MAR	---	SEP	0
APR	---	OCT	37.5
MAY	1 090	NOV	---
JUN	9 910	DEC	---

DEADMAN RIVER ABOVE CRISS CREEK - STATION NO. 08LF027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.510	0.500B	1.27	1.60	12.8	17.6	6.74	2.10	1.19	0.861	0.818	0.675	1
2	0.515	0.502B	1.35	1.60	13.5	15.7	6.46	2.06	1.13	0.868	0.813	0.670	2
3	0.515	0.515B	1.38	1.62	12.9	13.4	6.18	1.87	1.14	0.868	0.824	0.642	3
4	0.515	0.518B	1.41	1.60	14.2	12.3	6.15	1.78	1.14	0.875	0.818	0.620	4
5	0.520	0.520B	1.44	1.63	15.7	11.6	5.94	1.68	1.13	0.861	0.813	0.545	5
6	0.520	0.535	1.46	1.65	15.0	10.4	8.91	1.64	1.13	0.875	0.801	0.410	6
7	0.525	0.530	1.59	1.74	14.1	9.78	10.1	1.61	1.13	0.868	0.791	0.343	7
8	0.535	0.540	1.61	1.78	13.1	9.32	10.4	1.58	1.13	0.861	0.785	0.293	8
9	0.540	0.550	1.63	1.80	12.0	9.00	10.7	1.51	1.13	0.861	0.785	0.305	9
10	0.535	0.550	1.63	1.83	11.4	9.29	11.4	1.51	1.13	0.875	0.779	0.318	10
11	0.520B	0.540B	1.65	1.90	11.0	9.49	10.5	1.49	1.13	0.868	0.774	0.300	11
12	0.520	0.535B	1.67	2.02	11.0	13.6	10.0	1.46	1.11	0.861	0.774	0.305	12
13	0.530	0.530B	1.69	2.15	11.0	31.8	9.68	1.37	1.00	0.861	0.768	0.300B	13
14	0.530	0.520B	1.70	2.23	11.4	58.5	8.52	1.33	1.00	0.847	0.758	0.290B	14
15	0.520	0.520B	1.69	2.32	11.3	24.2	7.06	1.29	1.03	0.840	0.747	0.275B	15
16	0.520	0.505B	1.67	2.34	11.0	30.3	6.58	1.26	1.05	0.847	0.752	0.265B	16
17	0.510B	0.480B	1.69	2.37	11.6	25.7	6.18	1.29	1.10	0.854	0.752	0.255B	17
18	0.500B	0.482B	1.67	2.46	11.4	20.6	5.39	1.26	1.05	0.854	0.741	0.245B	18
19	0.498B	0.490B	1.65	2.74	12.0	19.4	4.46	1.26	1.01	0.847	0.747	0.237B	19
20	0.505B	0.500B	1.62	3.06	13.1	19.3	4.12	1.26	0.980	0.847	0.741	0.230B	20
21	0.519B	0.520B	1.63	3.94	13.0	15.1	3.70	1.26	0.994	0.840	0.741	0.232B	21
22	0.550	0.535B	1.65	6.55	13.0	13.4	3.49	1.33	0.987	0.840	0.730	0.250B	22
23	0.560	0.550B	1.64	8.61	13.1	13.5	3.22	1.26	0.980	0.834	0.719	0.268B	23
24	0.560	0.560B	1.62	10.1	12.6	12.7	3.25	1.26	0.966	0.834	0.730	0.287B	24
25	0.550B	0.570B	1.61	10.6	13.3	11.0	3.01	1.26	0.931	0.834	0.730	0.305B	25
26	0.540B	0.576	1.63	13.3	17.7	9.64	2.71	1.26	0.910	0.829	0.700B	0.300B	26
27	0.520B	1.22	1.65	12.7	26.6	9.06	2.41	1.25	0.896	0.829	0.719	0.290B	27
28	0.519B	1.23	1.63	12.5	30.5	8.01	2.36	1.23	0.875	0.824	0.713	0.295B	28
29	0.510B		1.63	12.4	30.2	7.06	2.23	1.20	0.861	0.824	0.702	0.310B	29
30	0.508B		1.60	12.5	20.8	6.98	2.12	1.25	0.861	0.824	0.686	0.345B	30
31	0.502B		1.59		20.1		2.14	1.23		0.824		0.360B	31
TOTAL	16.241	16.123	49.35	143.64	460.3	479.73	186.11	44.37	31.101	26.335	22.751	10.765	TOTAL
MEAN	0.524	0.576	1.59	4.79	14.8	16.0	6.00	1.43	1.04	0.850	0.758	0.347	MEAN
MAX	0.560	1.23	1.70	13.3	30.5	58.5	11.4	2.10	1.19	0.875	0.824	0.675	MAX
MIN	0.498	0.480	1.27	1.60	11.0	6.98	2.12	1.20	0.861	0.824	0.686	0.230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.07
MAXIMUM DAILY, 58.5 ON JUN 14
MINIMUM DAILY, 0.230B ON DEC 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 53 53 N
LONG 120 58 28 W
DRAINAGE AREA, 862 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 400	JUL	16 100
FEB	1 390	AUG	3 830
MAR	4 260	SEP	2 690
APR	12 400	OCT	2 280
MAY	39 800	NOV	1 970
JUN	41 400	DEC	930

TOTAL DISCHARGE, 128 000 dam³

DEAN RIVER ABOVE TOWDYSTAN LAKE - STATION NO. 08FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.474	0.276	0.207	---	---	---	---	---	1
2	---	---	---	---	0.474	0.234	0.182	---	---	---	---	---	2
3	---	---	---	---	0.474	0.254	0.261	---	---	---	---	---	3
4	---	---	---	---	0.447	0.268	0.268	---	---	---	---	---	4
5	---	---	---	---	0.393	0.290	0.305	---	---	---	---	---	5
6	---	---	---	0.928	0.397	0.290	0.305	---	---	---	---	---	6
7	---	---	---	0.800E	0.362	0.327	0.385	---	---	---	---	---	7
8	---	---	---	0.757	0.343	0.268	0.385	---	---	---	---	---	8
9	---	---	---	0.537	0.394	0.254	0.385	---	---	---	---	---	9
10	---	---	---	0.553	0.398	0.471	0.343	---	---	---	---	---	10
11	---	---	---	0.538	0.406	0.685	0.305	---	---	---	---	---	11
12	---	---	---	0.532	0.383	0.595	0.283	---	---	---	---	---	12
13	---	---	---	0.535	0.400	0.595	0.234	---	---	---	---	---	13
14	---	---	---	0.508	0.385	0.665	0.171	---	---	---	---	---	14
15	---	---	---	0.572	0.334	0.515	0.171	---	---	---	---	---	15
16	---	---	---	0.572	0.312	0.454	0.111	---	---	---	---	---	16
17	---	---	---	0.572	0.343	0.368	0.145	---	---	---	---	---	17
18	---	---	---	0.521	0.565	0.327	0.145	---	---	---	---	---	18
19	---	---	---	0.474	0.505	0.319	0.145	---	---	---	---	---	19
20	---	---	---	0.948	0.471	0.343	0.125	---	---	---	---	---	20
21	---	---	---	0.747	0.428	0.305	0.132	---	---	---	0.358B	---	21
22	---	---	---	0.572	0.385	0.305	0.145	---	---	---	---	---	22
23	---	---	---	0.572	0.377	0.234	0.145	---	---	---	---	---	23
24	---	---	---	0.521	0.305	0.220	0.188	---	---	---	---	---	24
25	---	---	---	0.521	0.305	0.177	0.277	---	---	---	---	---	25
26	---	---	---	0.572	0.319	0.171	0.430	---	---	---	---	---	26
27	---	---	---	0.583	0.428	0.227	0.473	---	---	---	---	---	27
28	---	---	---	0.583	0.471	0.200	0.473	---	---	---	---	---	28
29	---	---	---	0.474	0.428	0.234	0.430	---	---	---	---	---	29
30	---		---	0.456	0.368	0.254	0.353	---	---	---	---	---	30
31	---		---		0.305		0.345	---		---		---	31
TOTAL	---	---	---	---	12.379	10.125	8.252	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.399	0.338	0.266	---	---	---	---	---	MEAN
MAX	---	---	---	---	0.565	0.685	0.473	---	---	---	---	---	MAX
MIN	---	---	---	---	0.305	0.171	0.111	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 15 37 N
LONG 125 05 05 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	713
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	1 070	NOV	---
JUN	875	DEC	---

DEAN RIVER BELOW TANSWANKET CREEK - STATION NO. 08FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.70B	3.55B	3.25B	10.0B	26.1A	65.9	30.9	11.2	4.54	2.75	5.50B	4.40B	1
2	5.60B	3.51B	3.30B	10.9B	28.8	64.0	28.9	10.0	4.08	2.86	5.40B	5.00B	2
3	5.45B	3.50B	3.45B	11.7B	32.1	62.6	27.6	9.04	4.16	3.04	5.50B	7.70B	3
4	5.50B	3.65B	3.55B	11.5B	36.1	61.1	27.8	8.56	4.23	3.94	5.50B	8.40B	4
5	5.60B	3.70B	3.75B	13.2B	41.9	56.4	27.3	7.95	4.04	4.85	5.45B	7.70B	5
6	5.70B	3.75B	3.81B	13.7B	47.1	50.9	29.0	7.46	3.99	4.85	5.30B	7.80B	6
7	5.85B	3.80B	3.80B	14.0B	45.9	51.3	36.5	7.17	4.02	4.55	5.20B	8.00B	7
8	5.80B	3.90B	3.70B	14.2B	41.2	61.7	37.5	6.59	3.85	4.57	5.15B	7.30B	8
9	5.60B	3.95B	3.55B	15.1B	39.4	61.2	34.0	6.30	3.84	4.75	5.10B	6.80B	9
10	5.40B	4.00B	3.51B	15.2B	40.7	60.3	29.7	6.04	3.69	5.24	5.10B	6.40B	10
11	5.30B	3.90B	3.50B	14.5B	41.7	69.8	27.2	5.61	3.67	5.59	5.20B	6.20B	11
12	5.20B	3.78B	3.51B	14.6B	43.5	75.4	25.4	5.30	3.48	5.43	6.00B	6.00B	12
13	5.05B	3.65B	3.55B	15.0E	43.6	73.3	24.7	5.47	3.32	5.28	7.50B	5.90B	13
14	4.95B	3.45B	3.60B	17.0E	41.5	71.2	22.5	5.58	3.18	5.30	11.0 B	5.85B	14
15	4.80B	3.25B	3.75B	19.5E	39.9	68.1	19.9	5.39	3.14	4.85	9.50B	5.80B	15
16	4.60B	3.15B	3.90B	22.0E	40.7	65.9	18.4	5.32	3.08	4.60	7.00B	5.80B	16
17	4.40B	3.10B	4.10B	25.0E	41.6	60.9	16.6	5.39	3.05	4.60B	6.00B	5.75B	17
18	4.40B	3.12B	4.30B	27.0E	42.8	55.1	15.0	5.39	3.01	4.55B	5.60B	5.30B	18
19	4.42B	3.19B	4.50B	28.5E	44.0	52.7	13.8	5.41	3.07	4.50B	5.20B	5.10B	19
20	4.38B	3.28B	4.75B	29.5E	44.3	53.1	13.1	5.38	3.03	4.45B	5.00B	5.10B	20
21	4.35B	3.35B	4.85B	30.5E	46.1	50.7	12.3	5.12	2.93	4.51	4.90B	5.15B	21
22	4.25B	3.42B	4.80B	31.0E	47.9	48.1	11.3	4.79	2.97	4.72	4.75B	5.20B	22
23	4.20B	3.41B	4.75B	31.5E	47.0	46.8	11.2	4.69	2.89	5.00	4.65B	5.30B	23
24	4.20B	3.40B	4.65B	32.0E	46.6	42.1	12.0	4.99	2.75	5.27	4.55B	5.50B	24
25	4.30B	3.35B	4.60B	31.5E	45.3	37.3	13.0	5.55	2.79	6.30B	4.47B	5.70B	25
26	4.40B	3.33B	4.70B	30.5E	44.0	36.4	13.1	5.35	2.75	6.50B	4.40B	5.75B	26
27	4.35B	3.30B	5.70B	29.0E	46.1	36.0	11.7	4.70	2.69	6.20B	4.35B	5.70B	27
28	4.30B	3.27B	7.00B	28.5E	54.4	32.7	10.4	4.58	2.65	5.90B	4.45B	5.55B	28
29	4.10B		7.40B	27.5E	65.2	31.2	9.85	4.35	2.73	5.85B	4.50B	5.45B	29
30	3.95B		7.80B	26.5E	68.6	31.0	9.37	4.27	2.76	5.80B	4.45B	5.40B	30
31	3.70B		8.80B		67.9		10.1	4.46		5.60B		5.38B	31
TOTAL	149.80	98.01	140.18	641.6	1 382.0	1 633.2	630.12	187.40	100.38	152.20	166.67	186.38	TOTAL
MEAN	4.83	3.50	4.52	21.4	44.6	54.4	20.3	6.05	3.35	4.91	5.56	6.01	MEAN
MAX	5.85	4.00	8.80	32.0	68.6	75.4	37.5	11.2	4.54	6.50	11.0	8.40	MAX
MIN	3.70	3.10	3.25	10.0	26.1	31.0	9.37	4.27	2.65	2.75	4.35	4.40	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 75.4 ON JUN 12
MINIMUM DAILY, 2.65 ON SEP 28
MAXIMUM INSTANTANEOUS,
76.0 AT 11:23 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 23 N
LONG 125 46 17 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 900	JUL	54 400
FEB	8 470	AUG	16 200
MAR	12 100	SEP	8 670
APR	55 400	OCT	13 200
MAY	119 000	NOV	14 400
JUN	141 000	DEC	16 100

TOTAL DISCHARGE, 472 000 dam³

DEASE LAKE NEAR TELEGRAPH CREEK - STATION NO. 10AC001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.517	0.458	0.390	0.369	0.445	1.793	0.964	0.719	0.588	0.521	0.471	0.412	1
2	0.512	0.450	0.398	0.370	0.460	1.818	0.965	0.710	0.590	0.524	0.465	0.401	2
3	0.509	0.451	0.400	0.371	0.473	1.787	0.962	0.703	0.582	0.521	0.459	0.416	3
4	0.508	0.448	0.402	0.370	0.484	1.729	0.954	0.695	0.575	0.522	0.446	0.416	4
5	0.513	0.449	0.398	0.367	0.516	1.680	0.944	0.691	0.576	0.517	0.435	0.415	5
6	0.514	0.443	0.397	0.364	0.548	1.628	0.938	0.689	0.571	0.509	0.439	0.413	6
7	0.515	0.437	0.395	0.364	0.565	1.579	0.927	0.684	0.567	0.509	0.437	0.428	7
8	0.514	0.428	0.393	0.363	0.617	1.527	0.922	0.685	0.563	0.508	0.430	0.421	8
9	0.510	0.432	0.385	0.359	0.657	1.478	0.914	0.679	0.547	0.517	0.440	0.418	9
10	0.511	0.435	0.385	0.356	0.702	1.419	0.897	0.671	0.548	0.500	0.434	0.423	10
11	0.509	0.432	0.387	0.359	0.752	1.363	0.884	0.664	0.549	0.506	0.430	0.420	11
12	0.504	0.433	0.394	0.353	0.810	1.316	0.870	0.662	0.543	0.508	0.429	0.418	12
13	0.500	0.425	0.395	0.354	0.864	1.275	0.855	0.663	0.534	0.506	0.418	0.417	13
14	0.503	0.421	0.395	0.358	0.921	1.237	0.845	0.664	0.532	0.505	0.416	0.416	14
15	0.500	0.418	0.393	0.358	0.981	1.195	0.839	0.662	0.545	0.508	0.424	0.413	15
16	0.490	0.415	0.387	0.353	1.052	1.168	0.834	0.658	0.542	0.509	0.420	0.422	16
17	0.490	0.410	0.387	0.359	1.127	1.141	0.837	0.649	0.541	0.503	0.417	0.421	17
18	0.494	0.409	0.393	0.358	1.200	1.118	0.833	0.640	0.535	0.502	0.435	0.412	18
19	0.490	0.405	0.399	0.356	1.277	1.095	0.832	0.637	0.530	0.493	0.431	0.414	19
20	0.494	0.408	0.395	0.355	1.334	1.069	0.829	0.644	0.530	0.501	0.425	0.416	20
21	0.492	0.400	0.379	0.360	1.395	1.052	0.823	0.643	0.534	0.495	0.432	0.420	21
22	0.489	0.398	0.376	0.369	1.432	1.039	0.818	0.635	0.544	0.490	0.416	0.411	22
23	0.485	0.402	0.367	0.377	1.471	1.028	0.808	0.640	0.535	0.496	0.416	0.413	23
24	0.482	0.410	0.369	0.387	1.497	1.029	0.794	0.637	0.534	0.490	0.405	0.419	24
25	0.477	0.402	0.379	0.393	1.505	1.021	0.786	0.631	0.533	0.492	0.408	0.426	25
26	0.479	0.396	0.374	0.397	1.507	1.012	0.772	0.631	0.534	0.486	0.417	0.425	26
27	0.478	0.399	0.375	0.403	1.516	0.996	0.759	0.608	0.526	0.490	0.418	0.418	27
28	0.472	0.393	0.369	0.408	1.532	0.983	0.749	0.606	0.528	0.480	0.421	0.415	28
29	0.468		0.362	0.427	1.570	0.970	0.743	0.609	0.512	0.478	0.418	0.422	29
30	0.462		0.369	0.435	1.632	0.962	0.737	0.610	0.518	0.478	0.416	0.428	30
31	0.461		0.374		1.714		0.730	0.609		0.468		0.418	31
MEAN	0.495	0.422	0.386	0.372	1.051	1.284	0.850	0.656	0.546	0.501	0.429	0.418	MEAN
MAX	0.517	0.458	0.402	0.435	1.714	1.818	0.965	0.719	0.590	0.524	0.471	0.428	MAX
MIN	0.461	0.393	0.362	0.353	0.445	0.962	0.730	0.606	0.512	0.468	0.405	0.401	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 0.619
MAXIMUM DAILY, 1.818 ON JUN 02
MINIMUM DAILY, 0.353 ON APR 12
MAXIMUM INSTANTANEOUS,
1.820 AT 12:00 PST ON JUN 02

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 27 35 N
LONG 130 02 12 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

DEASE RIVER AT MCDAME - STATION NO. 10AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.0B	20.3B	24.4B	25.2B	38.5	844	269	96.8	62.0	57.0	30.5B	26.5B	1
2	32.0B	20.7B	24.7B	25.1B	39.5	906	283	92.4	61.9	56.3	28.5B	26.6B	2
3	31.0B	21.0B	24.9B	25.1B	40.6	785	276	87.8	64.7	55.7	26.5B	26.9B	3
4	30.2B	21.4B	25.0B	25.0B	45.3	708	255	84.0	67.1	55.1	27.5B	27.1B	4
5	29.8B	21.7B	25.0B	25.0B	52.8	675	238	80.6	70.5A	54.4	29.0B	27.7B	5
6	29.3B	21.9B	25.1B	25.1B	61.5	646	226	78.5	67.1	52.8	30.0B	28.1B	6
7	29.2B	22.0B	25.0B	25.1B	72.1	623	219	77.0	64.3	52.5	31.0B	28.4B	7
8	29.1B	22.0B	24.8B	25.1B	80.6	614	216	75.9	62.0	53.7	31.5B	28.9B	8
9	29.1B	22.1B	24.4B	25.2B	92.5	573	207	73.6	59.5	59.3	32.0B	29.0B	9
10	28.8B	22.0B	24.7B	25.3B	109	519	197	72.9	58.1	58.7	32.5B	29.1B	10
11	27.9B	21.9B	25.1B	25.3B	124	476	192	72.1	59.6	54.9	33.0B	29.0B	11
12	27.5B	21.7B	25.3B	25.3B	134	449	178	69.4	59.9	54.6	33.2B	28.9B	12
13	27.0B	21.5B	25.5B	25.4B	147	439	168	66.1	59.6	54.7	33.3B	28.4B	13
14	27.0B	21.4B	25.4B	25.6B	166	453	159	65.1	58.8	53.6	33.1B	28.3B	14
15	26.8B	21.3B	25.3B	25.8B	192	450	148	72.6	57.4	51.5	32.9B	28.0B	15
16	26.7B	21.2B	25.3B	25.9B	222	429	146	75.1	57.1	50.6	32.7B	27.4B	16
17	26.5B	21.5B	25.4B	26.0B	251	377	158	71.7	56.2	47.9	32.6B	27.0B	17
18	26.4B	21.5B	25.5B	26.3B	284	335	162	69.1	55.1	42.0B	32.4B	26.9B	18
19	26.3B	21.8B	25.0B	26.5B	310	313	156	65.7	60.6	41.5B	32.2B	26.8B	19
20	25.6B	22.2B	24.8B	26.7B	347	292	144	68.8	62.9	41.0B	32.0B	27.0B	20
21	25.0B	22.9B	24.4B	26.8B	375	288	136	81.3	61.9	40.8B	31.0B	27.4B	21
22	24.7B	23.2B	24.5B	27.0B	397	332	133	79.4	64.3	40.6B	29.0B	27.8B	22
23	24.2B	23.8B	24.8B	27.1B	417	356	133	83.7	64.8	40.4B	28.0B	28.0B	23
24	24.0B	23.9B	25.0B	27.3B	412	335	131	86.2	67.0	40.0B	26.5B	28.1B	24
25	23.5B	24.0B	25.1B	27.9B	389	325	127	79.8	71.5	39.0B	26.0B	28.0B	25
26	23.0B	24.0B	25.2B	28.5E	391	299	120	74.4	67.8	37.5B	26.2B	27.6B	26
27	22.0B	24.1B	25.3B	29.9E	427	281	113	70.1	64.3	36.5B	26.4B	27.2B	27
28	21.3B	24.2B	25.4B	32.0A	499	272	106	67.8	62.6	35.5B	26.8B	26.8B	28
29	21.0B		25.5B	33.2	577	267	101	67.0	60.5	34.5B	26.9B	26.0B	29
30	20.5B		25.7B	35.8	657	264	97.3	65.6	58.5	33.5B	26.7B	25.5B	30
31	20.0B		25.3B		724		95.1	62.8		32.5B		25.0B	31
TOTAL	818.4	621.0	776.8	805.5	8 076.4	13 925	5 289.4	2 333.3	1 867.2	1 458.6	899.9	853.4	TOTAL
MEAN	26.4	22.2	25.1	26.9	261	464	171	75.3	62.2	47.1	30.0	27.5	MEAN
MAX	33.0	24.2	25.7	35.8	724	906	283	96.8	71.5	59.3	33.3	29.1	MAX
MIN	20.0	20.3	24.4	25.0	38.5	264	95.1	62.8	55.1	32.5	26.0	25.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 103
MAXIMUM DAILY, 906 ON JUN 02
MINIMUM DAILY, 20.0B ON JAN 31
MAXIMUM INSTANTANEOUS,
928 AT 04:25 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 11 20 N
LONG 129 12 44 W
DRAINAGE AREA, 6 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70 700	JUL	457 000
FEB	53 700	AUG	202 000
MAR	67 100	SEP	161 000
APR	69 600	OCT	126 000
MAY	698 000	NOV	77 800
JUN	1 200 000	DEC	73 700

TOTAL DISCHARGE, 3 260 000 dam³

DEASE RIVER NEAR THE MOUTH - STATION NO. 10AC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.0B	38.5B	46.0B	47.8B	69.7	1 320	503	183	121	102	60.0B	51.0B	1
2	56.5B	39.0B	46.3B	47.7B	71.9	1 420	514	182	118	102	54.0B	50.0B	2
3	55.0B	39.3B	46.9B	47.7B	73.3	1 420	519	172	117	101	49.0B	51.0B	3
4	54.0B	39.7B	47.3B	47.8B	75.1	1 280	486	165	120	101	51.0B	52.0B	4
5	52.5B	40.0B	47.5B	48.0B	79.1	1 180	459	157	122	99.1	54.0B	53.0B	5
6	52.0B	40.3B	47.5B	48.0B	93.6	1 140	434	151	122	98.0	56.0B	54.0B	6
7	51.5B	40.6B	47.5B	48.0B	109	1 100	413	150	118	95.4	58.0B	54.5B	7
8	51.2B	41.0B	47.0B	48.0B	118	1 100	402	151	114	93.7	59.0B	55.0B	8
9	51.0B	41.0B	46.6B	48.0B	127	1 070	392	144	111	95.0	61.0B	55.5B	9
10	50.3B	41.0B	46.3B	48.0B	142	969	373	139	107	100	62.0B	55.2B	10
11	49.5B	40.8B	47.0B	48.1B	158	875	358	137	105	101	63.0B	54.9B	11
12	49.0B	40.5B	47.3B	48.2B	172	809	343	135	105	96.8	63.5B	54.7B	12
13	48.3B	40.5B	47.5B	48.4B	184	779	320	130	106	96.7	64.0B	54.4B	13
14	48.0B	40.3B	47.8B	48.7B	202	791	300	126	106	95.1	63.0B	53.0B	14
15	47.5B	40.2B	48.0B	49.0B	223	806	279	128	105	93.1	62.5B	52.0B	15
16	47.0B	40.5B	48.1B	50.0B	258	793	274	138	102	91.1	62.0B	51.5B	16
17	46.7B	40.9B	48.2B	50.5B	296	733	289	137	102	89.4	62.5B	51.0B	17
18	46.5B	41.3B	48.3B	51.0B	336	635	305	129	103	87.1	63.0B	50.5B	18
19	46.3B	41.5B	47.8B	52.0B	385	578	301	125	101	81.3B	64.0B	50.4B	19
20	45.7B	41.7B	47.6B	54.0B	436	551	286	122	105	80.5B	63.0B	50.8B	20
21	44.5B	42.1B	47.5B	54.5B	479	523	266	128	110	80.3B	60.0B	51.5B	21
22	43.7B	43.0B	47.4B	55.5B	522	539	256	142	109	80.2B	58.0B	52.0B	22
23	43.0B	43.9B	47.5B	56.5B	560	600	253	143	109	80.0B	55.0B	53.0B	23
24	42.5B	44.5B	47.6B	58.0B	578	607	252	150	110	79.0B	51.0B	54.0B	24
25	42.0B	44.8B	47.7B	60.0B	556	575	244	150	113	77.0B	49.5B	53.7B	25
26	41.5B	45.1B	47.9B	62.0B	536	556	235	141	117	74.0B	50.0B	53.0B	26
27	41.0B	45.4B	47.9B	64.0E	568	534	223	134	116	72.0B	50.5B	51.5B	27
28	40.5B	45.7B	48.0B	66.6A	643	518	208	131	109	71.0B	51.0B	50.0B	28
29	39.5B		48.1B	66.8	766	505	198	128	106	69.0B	52.0B	49.0B	29
30	38.5B		48.0B	67.4	911	504	190	126	104	67.0B	52.0B	48.0B	30
31	38.0B		48.0B		1 070		183	123		64.0B		47.5B	31
TOTAL	1 460.2	1 163.1	1 472.1	1 590.2	10 797.7	24 810	10 058	4 397	3 313	2 712.8	1 723.5	1 617.6	TOTAL
MEAN	47.1	41.5	47.5	53.0	348	827	324	142	110	87.5	57.5	52.2	MEAN
MAX	57.0	45.7	48.3	67.4	1 070	1 420	519	183	122	102	64.0	55.5	MAX
MIN	38.0	38.5	46.0	47.7	69.7	504	183	122	101	64.0	49.0	47.5	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 178
MAXIMUM DAILY, 1 420 ON JUN 02
MINIMUM DAILY, 38.0B ON JAN 31
MAXIMUM INSTANTANEOUS,
1 440 AT 11:05 PST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 51 30 N
LONG 128 35 50 W
DRAINAGE AREA, 14 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	126 000	JUL	869 000
FEB	100 000	AUG	380 000
MAR	127 000	SEP	286 000
APR	137 000	OCT	234 000
MAY	933 000	NOV	149 000
JUN	2 140 000	DEC	140 000

TOTAL DISCHARGE, 5 620 000 dam³

DEER CREEK AT DEER PARK - STATION NO. 08NE087

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.139	0.116	0.102	0.426	1.36	7.84	3.04	0.549	0.229	0.108	0.155	0.184	1
2	0.136	0.109	0.103	0.470	1.34	7.98	2.87	0.515	0.210	0.117	0.137	0.181	2
3	0.132	0.114	0.103	0.583	1.34	7.44	2.60	0.470	0.199	0.114	0.141	0.177	3
4	0.134	0.120	0.103	0.728	1.47	6.88	2.35	0.448	0.192	0.149	0.131	0.181	4
5	0.136	0.112	0.105	0.861	1.82	6.06	2.03	0.398	0.181	0.275	0.124	0.177	5
6	0.136	0.112	0.105	0.940	2.81	5.39	1.98	0.391	0.169	0.158	0.124	0.166	6
7	0.144	0.109	0.111	1.07	2.88	6.64	1.91	0.349	0.166	0.144	0.131	0.162	7
8	0.157	0.109	0.139	1.20	2.36	5.98	1.79	0.314	0.158	0.137	0.124	0.166	8
9	0.149	0.108	0.117	1.18	1.94	5.39	1.68	0.314	0.155	0.136	0.210	0.173	9
10	0.144	0.109	0.124	1.10	1.82	6.24	1.63	0.300	0.155	0.131	0.470	0.177	10
11	0.120	0.117	0.114	1.08	1.68	6.00	1.55	0.300	0.148	0.127	0.445	0.184	11
12	0.134	0.111	0.109	1.06	1.59	5.57	1.50	0.293	0.144	0.136	0.406	0.162	12
13	0.129	0.094	0.109	1.02	1.59	5.23	1.55	0.245	0.141	0.134	0.341	0.158	13
14	0.129	0.033	0.108	1.01	1.63	4.97	1.42	0.231	0.141	0.127	0.349	0.155	14
15	0.125	0.079	0.109	1.09	1.61	4.60	1.30	0.271	0.137	0.127	0.297	0.148	15
16	0.127	0.095	0.111	1.16	1.55	4.16	1.20	0.258	0.137	0.141	0.262	0.137	16
17	0.124	0.107	0.117	1.28	1.44	4.50	1.10	0.250	0.148	0.134	0.258	0.148	17
18	0.120	0.111	0.127	1.38	1.46	4.74	1.01	0.241	0.141	0.129	0.213	0.162	18
19	0.120	0.111	0.142	1.54	1.46	4.67	0.920	0.262	0.130	0.127	0.218	0.068	19
20	0.117	0.107	0.148	1.80	1.59	4.80	0.842	0.254	0.124	0.125	0.214	0.047	20
21	0.117	0.105	0.169	2.20	1.57	5.01	0.804	0.258	0.124	0.141	0.199	0.079	21
22	0.124	0.102	0.181	2.65	1.55	5.25	0.728	0.254	0.120	0.142	0.203	0.111	22
23	0.120	0.105	0.181	2.96	2.23	5.50	0.672	0.284	0.120	0.132	0.216	0.111	23
24	0.120	0.106	0.177	2.98	2.97	5.89	0.636	0.262	0.119	0.129	0.237	0.124	24
25	0.120	0.109	0.179	2.47	3.89	5.78	0.823	0.229	0.117	0.134	0.310	0.127	25
26	0.119	0.106	0.181	2.01	5.14	5.25	0.920	0.237	0.115	0.134	0.214	0.134	26
27	0.117	0.102	0.188	1.89	4.70	4.19	0.842	0.237	0.114	0.136	0.203	0.127	27
28	0.117	0.102	0.194	1.66	4.46	3.75	0.766	0.221	0.114	0.137	0.199	0.124	28
29	0.119		0.199	1.59	5.50	3.51	0.672	0.210	0.111	0.139	0.199	0.117	29
30	0.124		0.221	1.54	6.44	3.24	0.627	0.290	0.108	0.137	0.192	0.114	30
31	0.122		0.290		7.72		0.575	0.254		0.162		0.114	31
TOTAL	3.971	2.920	4.466	42.928	80.91	162.45	42.337	9.389	4.367	4.299	6.942	4.395	TOTA
MEAN	0.128	0.104	0.144	1.43	2.61	5.42	1.37	0.303	0.146	0.139	0.231	0.142	MEAN
MAX	0.157	0.120	0.290	2.98	7.72	7.98	3.04	0.549	0.229	0.275	0.470	0.184	MAX
MIN	0.117	0.033	0.102	0.426	1.34	3.24	0.575	0.210	0.108	0.108	0.124	0.047	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 7.98 ON JUN 02
MINIMUM DAILY, 0.033 ON FEB 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 30 N
LONG 118 02 30 W
DRAINAGE AREA, 80.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	343	JUL	3 660
FEB	252	AUG	811
MAR	386	SEP	377
APR	3 710	OCT	371
MAY	6 990	NOV	600
JUN	14 000	DEC	380

TOTAL DISCHARGE, 31 900 dam³

DENNIS CREEK NEAR 1780 METRE CONTOUR - STATION NO. 08NM242

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.009B	0.007B	0.006B	0.006B	0.066	0.358	0.150	0.019	0.026	0.004	0.009B	0.010B	1
2	0.009B	0.007B	0.006B	0.006B	0.055	0.352	0.157	0.016	0.021	0.005	0.007B	0.010B	2
3	0.009B	0.007B	0.006B	0.006B	0.069	0.466	0.133	0.014	0.017	0.008	0.008B	0.011B	3
4	0.009B	0.007B	0.006B	0.006B	0.119	0.408	0.105	0.013	0.014	0.025	0.008B	0.012B	4
5	0.009B	0.007B	0.006B	0.006B	0.242	0.293	0.175	0.012	0.013	0.020	0.008B	0.012B	5
6	0.009B	0.007B	0.006B	0.006B	0.271	0.320	0.287	0.011	0.012	0.014	0.008B	0.011B	6
7	0.009B	0.007B	0.006B	0.006B	0.190	0.472	0.158	0.009	0.010	0.014	0.009B	0.010B	7
8	0.009B	0.007B	0.005B	0.006B	0.103	0.321	0.121	0.009	0.010	0.013	0.010B	0.010B	8
9	0.009B	0.007B	0.005B	0.006B	0.095	0.378	0.101	0.008	0.009	0.011	0.011B	0.010B	9
10	0.009B	0.007B	0.005B	0.006B	0.102	0.697	0.086	0.008	0.009	0.013	0.013B	0.010B	10
11	0.009B	0.007B	0.005B	0.007B	0.118	0.350	0.077A	0.010	0.008	0.013	0.014B	0.010B	11
12	0.009B	0.006B	0.005B	0.009B	0.125	0.220	0.060	0.008	0.007	0.013	0.014B	0.010B	12
13	0.009B	0.006B	0.005B	0.011B	0.117	0.298	0.054	0.007	0.007	0.013	0.013B	0.010B	13
14	0.008B	0.006B	0.005B	0.017B	0.106	0.363	0.049	0.006	0.006	0.013	0.012B	0.010B	14
15	0.008B	0.006B	0.005B	0.025B	0.104	0.474	0.045	0.005	0.006	0.013	0.012B	0.010B	15
16	0.008B	0.006B	0.005B	0.035B	0.102	0.535	0.038	0.005	0.026	0.013	0.012B	0.010B	16
17	0.008B	0.006B	0.005B	0.050B	0.106A	0.517	0.035	0.008	0.018	0.012	0.012B	0.009B	17
18	0.008B	0.006B	0.005B	0.063A	0.112E	0.486	0.032	0.020	0.012	0.013	0.011B	0.009B	18
19	0.008B	0.006B	0.005B	0.070	0.114E	0.511	0.030	0.016	0.010	0.013	0.010B	0.009B	19
20	0.008B	0.006B	0.005B	0.085	0.113E	0.561	0.026	0.013	0.009	0.013	0.010B	0.009B	20
21	0.008B	0.006B	0.005B	0.121	0.112E	0.555	0.026	0.026	0.008	0.013	0.011B	0.009B	21
22	0.008B	0.006B	0.005B	0.119	0.150E	0.566	0.024	0.033	0.008	0.013	0.013B	0.009B	22
23	0.008B	0.006B	0.005B	0.090	0.184E	0.693	0.024	0.017	0.007	0.013	0.012B	0.009B	23
24	0.008B	0.006B	0.005B	0.080	0.178E	0.567	0.025	0.028	0.007	0.013	0.011B	0.009B	24
25	0.008B	0.006B	0.005B	0.071	0.170A	0.380	0.029	0.056	0.006	0.016	0.010B	0.009B	25
26	0.008B	0.006B	0.005B	0.061	0.219	0.305	0.029	0.035	0.005	0.019	0.009B	0.009B	26
27	0.008B	0.006B	0.005B	0.054	0.262	0.253	0.023	0.021	0.005	0.017B	0.009B	0.009B	27
28	0.008B	0.006B	0.005B	0.062	0.576	0.226	0.019	0.015	0.005	0.016B	0.010B	0.009B	28
29	0.008B		0.005B	0.073	0.901	0.201	0.018	0.017	0.005	0.015B	0.0 0B	0.009B	29
30	0.007B		0.006B	0.072	0.562	0.181	0.021	0.067	0.004	0.013B	0.010B	0.009B	30
31	0.007B		0.006B		0.510		0.027	0.040		0.011B		0.009B	31
TOTAL	0.259	0.179	0.164	1.235	6.253	12.307	2.184	0.572	0.310	0.415	0.316	0.301	TOTA
MEAN	0.008	0.006	0.005	0.041	0.202	0.410	0.071	0.019	0.010	0.013	0.011	0.010	MEAN
MAX	0.009	0.007	0.006	0.121	0.901	0.697	0.207	0.067	0.026	0.025	0.014	0.012	MAX
MIN	0.007	0.006	0.005	0.006	0.055	0.181	0.018	0.005	0.004	0.004	0.007	0.009	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.067
MAXIMUM DAILY, 0.901 ON MAY 29
MINIMUM DAILY, 0.004 ON SEP 30
MAXIMUM INSTANTANEOUS,
1.09 AT 07:00 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 28 N
LONG 119 22 51 W
DRAINAGE AREA, 3.73 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22.4	JUL	189
FEB	15.5	AUG	69.4
MAR	14.2	SEP	26.8
APR	107	OCT	35.8
MAY	540	NOV	27.3
JUN	1 060	DEC	26.0

TOTAL DISCHARGE, 2 110 dam³

DESERTERS CREEK ABOVE NARCOSLI CREEK - STATION NO. 08KE034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.687B	1.09	1.70	0.423	0.035	0.030	0.014	0.163	---	1
2	---	---	---	0.740B	1.23	0.670	0.498	0.028	0.030	0.015	---	---	2
3	---	---	---	0.833B	1.13	0.830	1.03	0.028	0.033	0.015	---	---	3
4	---	---	---	0.995B	1.05	1.43	1.14 E	0.026	0.033	0.062	---	---	4
5	---	---	---	1.12 B	1.08	1.42	1.26	0.026	0.021	0.040	---	---	5
6	---	---	---	1.23 B	0.982	1.08	1.57	0.023	0.019	0.030	---	---	6
7	---	---	---	1.31 B	0.810	0.830	1.59	0.021	0.018	0.038E	---	---	7
8	---	---	---	1.09	0.736	0.803	1.46	0.019	0.018	0.074E	---	---	8
9	---	---	---	1.02	0.657	1.22	1.30	0.018	0.017	0.058	---	---	9
10	---	---	---	0.884	0.592	1.41	1.27	0.017	0.017	0.051	---	---	10
11	---	---	---	0.788	0.683	2.25	0.940	0.017	0.017	0.062E	---	---	11
12	---	---	---	0.730	0.579	3.94	0.696	0.017	0.017	0.106	---	---	12
13	---	---	---	0.713	0.479	4.14	0.567	0.014	0.015	0.092E	---	---	13
14	---	---	---	1.17	0.370	2.47	0.454	0.014	0.015	0.068E	---	---	14
15	---	---	---	1.56	0.393	1.52	0.335	0.014	0.022E	0.054E	---	---	15
16	---	---	---	1.73	0.312	1.08 E	0.300	0.013	0.029	0.048E	---	---	16
17	---	---	---	1.90	0.323	0.940	0.289	0.014	0.023	0.044E	---	---	17
18	---	---	---	2.20	0.370	0.870	0.268	0.015	0.018	0.040	---	---	18
19	---	---	---	2.16	0.393	0.670	0.188	0.015	0.018	0.043	---	---	19
20	---	---	---	2.48	0.405	0.736	0.163	0.014	0.017	0.054	---	---	20
21	---	---	---	2.24	0.393	0.625	0.132	0.013	0.017	0.067	---	---	21
22	---	---	---	2.16	0.382	0.460	0.112	0.019	0.017	0.089	---	---	22
23	---	---	---	2.20	0.579	0.423	0.095	0.018	0.015	0.073	---	---	23
24	---	---	---	3.24	0.816	0.284	0.106	0.015	0.015	0.058	---	---	24
25	---	---	---	3.13	0.631	0.317	0.125	0.017	0.015	0.448	---	---	25
26	---	---	---	2.36	0.541	0.376	0.095	0.019	0.015	0.295	---	---	26
27	---	---	---	2.05	0.479	0.599	0.062	0.018	0.014	0.300	---	---	27
28	---	---	---	1.56	0.442	0.460	0.058	0.017	0.013	0.279	---	---	28
29	---	---	---	1.31	0.382	0.485	0.047	0.017	0.013	0.268	---	---	29
30	---		---	1.16	0.631	0.510	0.038	0.028	0.014	0.227	---	---	30
31	---		---		1.07		0.037E	0.027		0.180		---	31
TOTAL	---	---	---	46.770	20.010	34.548	16.748	0.596	0.575	3.292	---	---	TOTAL
MEAN	---	---	---	1.56	0.646	1.15	0.540	0.019	0.019	0.106	---	---	MEAN
MAX	---	---	---	3.24	1.23	4.14	1.67	0.035	0.033	0.448	---	---	MAX
MIN	---	---	---	0.687	0.312	0.284	0.037	0.013	0.013	0.014	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.14 ON JUN 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 49 52 N
LONG 122 32 25 W
DRAINAGE AREA, 99.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 450
FEB	---	AUG	51.5
MAR	---	SEP	49.7
APR	4 040	OCT	284
MAY	1 730	NOV	---
JUN	2 980	DEC	---

DICKEBUSCH CREEK NEAR THE MOUTH - STATION NO. 07FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.080B	0.012B	0.050B	0.290B	1.00	4.68	0.727	0.097	0.203	0.063	0.040B	0.020B	1
2	0.082B	0.014B	0.054B	0.340B	1.08	3.80	0.739	0.088	0.167	0.068	0.038B	0.024B	2
3	0.084B	0.016B	0.058B	0.364B	1.21	4.02	1.53	0.089	0.140	0.064	0.040B	0.028B	3
4	0.086B	0.016B	0.058B	0.340B	1.43	10.9	1.36	0.088	0.130	0.064	0.042B	0.034B	4
5	0.084B	0.018B	0.056B	0.320B	1.64	7.04	0.954	0.086	0.124	0.067	0.040B	0.040B	5
6	0.080B	0.020B	0.054B	0.280B	1.89	4.85	0.568	0.084	0.118	0.060	0.038B	0.044B	6
7	0.076B	0.022B	0.050B	0.240B	1.51	3.81	0.629	0.083	0.100	0.060	0.032B	0.048B	7
8	0.070B	0.020B	0.048B	0.220B	1.34	3.19	0.644	0.085	0.092	0.060	0.028B	0.050B	8
9	0.066B	0.018B	0.044B	0.200B	1.67	2.86	0.544	0.085	0.088	0.071	0.024B	0.052B	9
10	0.060B	0.014B	0.042B	0.200B	2.11	2.86	0.439	0.086	0.086	0.075	0.022B	0.054B	10
11	0.056B	0.012B	0.040B	0.220B	1.90	41.2	0.375	0.087	0.084	0.066	0.020B	0.052B	11
12	0.052B	0.012B	0.042B	0.230B	1.78	72.7 E	0.337	0.189	0.082	0.061	0.018B	0.050B	12
13	0.044B	0.010B	0.046B	0.247	2.00	25.2	0.280	0.976	0.081	0.059	0.020B	0.048B	13
14	0.044B	0.008B	0.050B	0.323	1.94	9.56	0.248	0.296	0.078	0.056	0.022B	0.046B	14
15	0.036B	0.008B	0.054B	0.384	1.76	4.61	0.234	0.228	0.076	0.054B	0.024B	0.046B	15
16	0.039B	0.008B	0.060B	0.423	1.75	3.59	0.225	0.204	0.075	0.052B	0.026B	0.044B	16
17	0.034B	0.010B	0.066B	0.473	2.24	2.86	0.258	0.198	0.073	0.050B	0.028B	0.044B	17
18	0.032B	0.012B	0.070B	0.667	2.37	2.36	0.251	0.191	0.072	0.050B	0.030B	0.042B	18
19	0.030B	0.014B	0.070B	0.860	2.29	2.05	0.222	0.175	0.070	0.048B	0.030B	0.040B	19
20	0.030B	0.017B	0.065B	0.991	2.12	1.76	0.219	0.162	0.067	0.046B	0.028B	0.038B	20
21	0.036B	0.018B	0.058B	1.05	1.88	1.36	0.211	0.133	0.066	0.046B	0.028B	0.036B	21
22	0.040B	0.020B	0.058B	1.11	1.74	1.04	0.190	0.193	0.065	0.048B	0.026B	0.034B	22
23	0.040B	0.022B	0.060B	1.08	1.68	0.848	0.165	0.447	0.065	0.046B	0.024B	0.032B	23
24	0.040B	0.024B	0.064B	1.44	1.69	0.735	0.156	0.332	0.063	0.046B	0.022B	0.030B	24
25	0.034B	0.028B	0.072B	2.02	3.64	0.675	0.142	0.274	0.062	0.048B	0.020B	0.028B	25
26	0.032B	0.032B	0.080B	1.50	7.57	0.663	0.138	0.248	0.060	0.050B	0.018B	0.028B	26
27	0.026B	0.038B	0.100B	1.19	6.38	0.680	0.125	0.226	0.060	0.050B	0.016B	0.026B	27
28	0.022B	0.042B	0.135B	0.984	4.98	0.681	0.111	0.191	0.061	0.048B	0.014B	0.024B	28
29	0.020B		0.196B	0.921	4.10	0.750	0.105	0.169	0.058	0.046B	0.016B	0.022B	29
30	0.016B		0.220B	0.880	3.62	0.743	0.099	0.180	0.058	0.044B	0.018B	0.020B	30
31	0.014B		0.244B		5.37		0.105	0.199		0.042B		0.020B	31
TOTAL	1.485	0.505	2.364	19.787	77.68	222.075	12.330	6.169	2.624	1.708	0.792	1.144	TOTAL
MEAN	0.048	0.018	0.076	0.660	2.51	7.40	0.398	0.199	0.088	0.055	0.026	0.037	MEAN
MAX	0.086	0.042	0.244	2.02	7.57	72.7	1.53	0.976	0.203	0.075	0.042	0.054	MAX
MIN	0.014	0.008	0.040	0.200	1.00	0.663	0.099	0.083	0.058	0.042	0.014	0.020	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.955
MAXIMUM DAILY, 72.7E ON JUN 12
MINIMUM DAILY, 0.008B ON FEB 14
MAXIMUM INSTANTANEOUS,
99.5E AT 19:49 PST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 07 N
LONG 121 35 40 W
DRAINAGE AREA, 85.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128	JUL	1 070
FEB	43.6	AUG	533
MAR	204	SEP	227
APR	1 710	OCT	148
MAY	6 710	NOV	68.4
JUN	19 200	DEC	98.8

TOTAL DISCHARGE, 30 100 dam³

DORE RIVER NEAR MCBRIDE - STATION NO. 08KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.96B	1.08 B	0.634B	0.626B	6.77	56.8	51.3	37.2 E	14.3	5.53	4.18	2.64B	1
2	1.93B	1.05 B	0.625B	0.630B	6.95	49.3	42.7	29.8 E	12.2	5.22	3.65B	2.56B	2
3	1.89B	1.02 B	0.621B	0.640B	7.52	48.6	38.5	24.0 E	9.48	4.87	3.51B	2.54B	3
4	1.89B	0.987B	0.620B	0.659B	9.94	44.8	36.8	21.0 E	9.01	5.36	3.37B	2.53B	4
5	1.90B	0.960B	0.625B	0.695B	15.2	37.2	42.9	39.0 E	11.8	5.34	3.23B	2.52B	5
6	1.92B	0.938B	0.627B	0.772B	26.7	34.1	52.8	37.8 E	13.6	4.67	3.18B	2.48B	6
7	1.94B	0.925B	0.625B	0.844B	20.7	36.0	47.7	35.0 E	14.6	4.47	3.41B	2.41B	7
8	1.95B	0.910B	0.624B	0.932B	16.3	39.2	50.7	31.8 E	13.8	4.37	3.34B	2.37B	8
9	1.92B	0.891B	0.620B	1.03 B	13.6	41.1	61.5	30.0 E	13.0	5.15	3.22B	2.33B	9
10	1.87B	0.876B	0.617B	1.21 B	13.6	43.9	54.9	38.2 E	14.1	5.16	3.14B	2.31B	10
11	1.83B	0.874B	0.606B	1.44 B	14.9	57.2	63.5	44.0 E	14.3	4.44	3.20B	2.31B	11
12	1.78B	0.858B	0.601B	1.98	14.5	56.6	76.0	38.5 E	11.7	4.27	3.79B	2.32B	12
13	1.76B	0.835B	0.600B	2.08	13.5	44.9	62.4	35.0 E	10.8	4.20	5.77B	2.33B	13
14	1.74B	0.800B	0.602B	2.36	13.2	45.0	40.3	34.6 E	12.7	4.01	5.21B	2.34B	14
15	1.71B	0.777B	0.607B	2.71	13.0	50.0	33.2	34.0 A	14.4	3.90	4.50B	2.35B	15
16	1.69B	0.736B	0.615B	3.09	14.4	57.5	31.9	30.0	17.2	3.80	3.89B	2.24B	16
17	1.68B	0.701B	0.620B	3.47	16.9	53.4	26.0	28.4	12.5	3.68	3.60B	2.16B	17
18	1.69B	0.666B	0.624B	4.24	18.6	55.2	22.4	25.5	11.6	3.67	3.47B	2.09B	18
19	1.74B	0.641B	0.627B	5.43	21.1	66.8	20.7	23.1	9.86	3.58	3.37B	2.04B	19
20	1.90B	0.618B	0.625B	8.11	22.6	59.7	21.5	27.6	8.30	3.58	3.23B	2.01B	20
21	2.16B	0.599B	0.618B	8.80	23.3	63.3	27.5E	30.2	13.1	3.64	3.09B	1.99B	21
22	2.59B	0.592B	0.605B	8.35	21.9	74.0	35.0E	40.4	13.7	3.58	2.89B	1.99B	22
23	2.50B	0.597B	0.600B	9.11	23.2	86.7	30.5E	19.7	17.2	3.54	2.74B	2.00B	23
24	2.40B	0.607B	0.599B	9.85	28.0	67.0	27.0E	13.1	15.9	3.95	2.67B	2.00B	24
25	2.04B	0.625B	0.600B	9.13	37.0	59.5	58.0E	10.6	12.7	6.43	2.62B	2.07B	25
26	1.78B	0.638B	0.600B	8.26	41.9	58.3	46.5E	9.97	8.60	8.02	2.74B	2.11B	26
27	1.60B	0.642B	0.600B	7.57	43.3	52.3	40.6E	9.46	7.21	5.48	2.96B	2.08B	27
28	1.46B	0.641B	0.602B	6.94	46.5	49.8	36.9E	10.7	7.24	6.10	2.95B	2.02B	28
29	1.30B		0.603B	6.38	57.4	49.3	35.6E	11.3	6.90	5.13	2.85B	1.97B	29
30	1.19B		0.613B	6.29	57.9	52.9	30.0E	20.7	5.47	4.76	2.74B	1.93B	30
31	1.13B		0.623B		60.7		47.8E	18.4		4.41		1.92B	31
TOTAL	56.84	22.084	19.028	123.648	741.08	1 580.4	1 292.6	843.03	357.27	144.31	104.51	68.96	TOTAL
MEAN	1.83	0.789	0.614	4.12	23.9	52.7	41.7	27.2	11.9	4.66	3.48	2.22	MEAN
MAX	2.59	1.08	0.634	9.85	60.7	86.7	76.0	44.0	17.2	8.02	5.79	2.64	MAX
MIN	1.13	0.592	0.599	0.626	6.77	34.1	20.2	9.46	5.47	3.54	2.62	1.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 86.7 ON JUN 23
MINIMUM DAILY, 0.592B ON FEB 22
MAXIMUM INSTANTANEOUS,
102 AT 02:59 PST ON MAY 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 38 N
LONG 120 14 45 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 910	JUL	112 000
FEB	1 910	AUG	72 800
MAR	1 640	SEP	30 900
APR	10 700	OCT	12 500
MAY	64 000	NOV	9 030
JUN	137 000	DEC	5 960

TOTAL DISCHARGE, 463 000 dam³

DOVE CREEK NEAR THE MOUTH - STATION NO. 08HB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01	1.40	1.09	2.17	0.545	0.510	0.595	0.019	0.019	0	1.81	3.48	1
2	0.931	2.96	1.07	2.17	0.600	0.641	0.593	0.015	0.014	0.001	1.28	2.33	2
3	0.908	12.6	1.08	1.75	0.566	14.2	0.694	0.019	0.010	0.003	1.89	28.6 E	3
4	1.20	5.45	1.52	1.56	0.500	4.74 A	0.507	0.011	0.006	0.006	2.00	28.1 E	4
5	5.00	5.69	1.88	1.53	0.479	1.84 A	0.470	0.005	0.007	0.013	1.49	7.33	5
6	10.2	3.75	1.95	1.54	0.462	1.88	0.602	0.005	0.009	0.008	1.22	3.64	6
7	15.7	2.43	1.93	1.52	0.400	5.27	0.638	0.003	0.004	0.007	2.68	2.51	7
8	6.60	1.98	1.72	1.49	0.292	5.17	0.598	0.003	0.002	0.011	2.22	4.90	8
9	3.81	1.80	2.36	1.28	0.271	5.57	0.426	0.003	0.003	0.022	4.45	3.78	9
10	2.63	1.88	3.54	1.12	0.267	4.34	0.291	0.004	0.002	0.034	8.80	2.38	10
11	2.03	2.00	2.24	1.20	0.230	4.82	0.209	0.002	0.001	0.051	17.8	1.80	11
12	1.89	1.93	1.65	1.35	0.239	2.81	0.187	0	0.001	0.102	16.7	2.05	12
13	3.32	1.50 B	1.56	1.10	0.510	1.70	0.174	0	0	0.067	9.91	2.05	13
14	4.54	1.35 B	2.51	1.08	0.536	1.10	0.101	0.002	0	0.061	4.30	2.62	14
15	3.04	1.15 B	2.15	1.06	0.403	0.795	0.082	0.002	0	0.097	3.02	4.97	15
16	3.31	1.05 B	1.93	1.17	0.341	0.584	0.111	0.002	0.001	0.117	4.18A	2.52	16
17	2.39	1.00 B	2.51	1.67	0.501	0.454	0.069	0.005	0.002	0.133	3.70E	1.98	17
18	1.89	0.940B	4.10	1.35	0.495	0.372	0.058	0.010	0.001	0.185	3.20E	1.51	18
19	1.49	0.900B	3.22	1.11	0.479	0.388	0.070	0.012	0	0.233	2.40E	1.45 B	19
20	1.27	0.860B	2.69	1.12	0.440	0.314	0.057	0.010	0	0.300	2.00E	1.25 B	20
21	1.31	0.853	2.30	0.917	0.401	0.258	0.040	0.005	0	1.26	1.50E	1.10 B	21
22	1.83	0.837	2.30	0.794	2.06	0.253	0.040	0.005	0	0.994	4.00E	1.00 B	22
23	1.61	0.799	2.22	0.883	1.45	0.232	0.025	0.003	0	0.546	35.7 A	0.880B	23
24	1.35	1.09	1.67	0.929	0.829	0.201	0.034	0.003	0.001	3.64	12.0	0.700B	24
25	2.51	1.17	1.50	1.14	0.642	0.176	0.032	0.004	0	14.7	4.48	0.640B	25
26	2.07	1.22	1.31A	1.32	0.482	0.173	0.023	0.005	0	4.94	2.52	0.560B	26
27	1.88	1.16	1.34A	1.09	1.04	0.165	0.014	0.002	0	6.22	1.90	0.500B	27
28	2.37	1.11	1.41	1.06	1.90	0.183	0.012	0	0	7.16	3.12	0.450B	28
29	2.30		1.77	0.827	1.19	0.697	0.010	0.002	0	7.20	19.9	0.410B	29
30	1.96		1.93	0.654	0.828	0.800	0.013	0.005	0	6.82	6.04	0.380B	30
31	1.59		2.13		0.682		0.016	0.015		3.11		0.350B	31
TOTAL	93.939	60.859	62.58	37.974	20.060	51.636	6.791	0.181	0.083	58.041	186.21	116.220	TOTAL
MEAN	3.03	2.17	2.02	1.27	0.647	1.72	0.219	0.006	0.003	1.87	6.21	3.75	MEAN
MAX	15.7	12.6	4.10	2.17	2.06	14.2	0.694	0.019	0.019	14.7	35.7	28.6	MAX
MIN	0.908	0.799	1.07	0.654	0.230	0.165	0.010	0	0	0	1.22	0.350	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.90
MAXIMUM DAILY, 35.7A ON NOV 23
MINIMUM DAILY, 0 ON AUG 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 13 N
LONG 125 05 00 W
DRAINAGE AREA, 41.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0 120	JUL	587
FEB	5 260	AUG	15.6
MAR	5 410	SEP	7.17
APR	3 280	OCT	5 010
MAY	1 730	NOV	16 100
JUN	4 460	DEC	10 000

TOTAL DISCHARGE, 60 000 dam³

DRAGON CREEK ABOVE DRAGON LAKE - STATION NO. 08KH023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.350E	0.112	0.021	0.029	0.001	0.006	---	---	---	1
2	---	---	---	0.360E	0.095	0.034	0.033	0.002	0.005	---	---	---	2
3	---	---	---	0.312	0.086	0.051	0.046	0.004	0.003	---	---	---	3
4	---	---	---	0.308	0.080	0.038	0.033	0.002	0.001	---	---	---	4
5	---	---	---	0.292	0.082	0.033	0.029	0	0.001	---	---	---	5
6	---	---	---	0.275	0.075	0.034	0.035	0	0	---	---	---	6
7	---	---	---	0.258	0.075	0.034	0.028	0	0	---	---	---	7
8	---	---	---	0.204	0.074	0.041	0.028	0	0	---	---	---	8
9	---	---	---	0.258	0.068	0.055	0.025	0	0	---	---	---	9
10	---	---	---	0.169	0.065	0.081	0.016	0	0	---	---	---	10
11	---	---	---	0.131	0.064	0.112	0.020	0	0	---	---	---	11
12	---	---	---	0.137	0.060	0.170	0.018	0	0	---	---	---	12
13	---	---	---	0.141	0.056	0.103	0.016	0	0	---	---	---	13
14	---	---	---	0.182	0.051	0.078	0.016	0	0	---	---	---	14
15	---	---	---	0.147	0.050	0.108	0.015	0	0	---	---	---	15
16	---	---	---	0.220	0.047	0.076	0.015	0.013	0.005	---	---	---	16
17	---	---	---	0.156	0.055	0.041	0.012	0	0.001	---	---	---	17
18	---	---	---	0.137	0.041	0.052	0.015	0	0.001	---	---	---	18
19	---	---	---	0.198	0.039E	0.043	0.012	0	0	---	---	---	19
20	---	---	---	0.163	0.038	0.042	0.009	0	0.001	---	---	---	20
21	---	---	---	0.110	0.038	0.030	0.007	0	0	---	---	---	21
22	---	---	---	0.085	0.039	0.034	0.006	0	0	---	---	---	22
23	---	---	---	0.118	0.074	0.029	0.006	0.003	0	---	---	---	23
24	---	---	---	0.196	0.047	0.025	0.009	0.002	0.002	---	---	---	24
25	---	---	---	0.112	0.046	0.028	0.007	0.001	0	---	---	---	25
26	---	---	---	0.153	0.046	0.057	0.006	0.001	0	0.016	---	---	26
27	---	---	---	0.122	0.033	0.038	0.005	0	0	---	---	---	27
28	---	---	---	0.095	0.030	0.043	0.006	0	0	---	---	---	28
29	---	---	---	0.104	0.055	0.032	0.005	0	0	---	---	---	29
30	---		0.119	0.095	0.043	0.033	0.003	0.011	0	---	---	---	30
31	---		---		0.095		0.002	0.007		---		---	31
TOTAL	---	---	---	5.588	1.859	1.596	0.512	0.047	0.026	---	---	---	TOTAL
MEAN	---	---	---	0.186	0.060	0.053	0.017	0.002	0.001	---	---	---	MEAN
MAX	---	---	---	0.360	0.112	0.170	0.046	0.013	0.006	---	---	---	MAX
MIN	---	---	---	0.085	0.030	0.021	0.002	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.360E ON APR 02
MINIMUM DAILY, 0 ON AUG 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 56 13 N
LONG 122 23 15 W
DRAINAGE AREA, 7.25 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44.2
FEB	---	AUG	4.06
MAR	---	SEP	2.25
APR	483	OCT	---
MAY	161	NOV	---
JUN	138	DEC	---

DRIFTWOOD RIVER ABOVE KASTBERG CREEK - STATION NO. 08JD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.72	1.63	1.40	1.72	10.6	86.9	35.7	3.88	2.32	1.25	1.85	1.28	1
2	2.44	1.64	1.36	1.72	13.0	66.5	26.2	3.36	2.06	1.42	2.02	1.25	2
3	2.52	1.61	1.34	1.79	16.8	57.5	20.1	2.94	1.80	1.32	1.83	1.22	3
4	2.55	1.63	1.28	1.85	19.5	76.0	17.7	2.81	1.63	1.23	1.81	1.24	4
5	2.47	1.63	1.29	1.87	24.4	58.1	16.9	2.88	1.79	1.21	1.03	1.32	5
6	2.49	1.68	1.34	1.91	25.5	46.0	16.0	3.33	1.98	1.16	1.15	1.36	6
7	2.53	1.67	1.31	1.94	24.9	45.0	15.5	3.42	1.88	1.14	1.73	1.44	7
8	2.55	1.65	1.29	1.94	24.9	42.2	15.8	2.89	1.77	1.33	1.81	1.66	8
9	2.49	1.60	1.19	1.87	27.2	39.8	15.0	2.74	1.67	2.57	1.79	1.86	9
10	2.35	1.62	1.23	1.84	29.1	38.7	13.3	2.81	1.59	2.17	1.71	1.85	10
11	2.16	1.62	1.31	1.98	29.8	38.0	12.7	2.80	1.50	1.80	1.68	1.78	11
12	2.16	1.57	1.27	1.98	28.2	42.2	11.4	2.90	1.50	1.73	1.53	1.61	12
13	2.26	1.51	1.31	2.02	26.7	38.6	10.0	3.08	1.47	1.72	1.63	1.48	13
14	2.21	1.48	1.35	2.14	28.4	37.4	8.23	5.63	1.39	1.56	1.69	1.43	14
15	2.16	1.50	1.40	2.43	30.9	36.2	7.08	5.24	1.37	1.45	1.63	1.37	15
16	2.00	1.50	1.42	2.78	34.4	32.3	6.92	4.12	1.38	1.40	1.62	1.27	16
17	1.88	1.46	1.46	3.23	37.3	26.7	6.27	3.54	1.33	1.26	1.63	1.36	17
18	1.94	1.46	1.50	3.85	38.1	23.9	5.73	3.35	1.31	1.40	1.59	1.36	18
19	1.98	1.40	1.47	4.66	38.0	22.9	5.57	3.08	1.27	1.43	1.57	1.18	19
20	1.98	1.38	1.46	5.85	37.1	21.1	5.46	2.81	1.22	1.50	1.43	1.18	20
21	1.96	1.40	1.46	7.32	39.9	22.2	5.53	2.67	1.41	1.58	1.25	1.17	21
22	1.99	1.46	1.48	8.55	42.5	26.9	5.74	2.63	1.51	1.62	1.29	1.18	22
23	1.91	1.46	1.36	8.96	41.3	27.2	5.81	2.50	1.52	1.59	1.41	1.11	23
24	1.88	1.49	1.43	9.07	38.4	20.1	6.09	2.25	1.50	2.46	1.38	1.07	24
25	1.89	1.47	1.48	8.71	35.6	17.7	5.96	2.01	1.42	2.94	1.36	1.08	25
26	1.88	1.43	1.52	8.67	36.1	17.5	5.53	1.87	1.31	3.03	1.32	1.11	26
27	1.89	1.41	1.5	8.13	40.7	23.0	4.84	1.73	1.20	2.83	1.29	1.13	27
28	1.88	1.40	1.5	8.07	49.4	19.5	4.30	1.68	1.17	2.60	1.30	1.10	28
29	1.80		1.56	8.66	61.8	19.9	4.05	1.71	1.22	2.38	1.33	1.08	29
30	1.76		1.62	9.46	58.9	21.0	4.12	1.82	1.23	2.34	1.31	1.08	30
31	1.66		1.68		73.2		4.15	2.21		2.25		1.05	31
TOTAL	66.34	42.78	43.61	134.97	1 062.6	1 091.0	327.68	90.69	45.72	55.67	45.97	40.66	TOTAL
MEAN	2.14	1.53	1.41	4.50	34.3	36.4	10.6	2.93	1.52	1.80	1.53	1.31	MEAN
MAX	2.72	1.68	1.68	9.46	73.2	86.9	35.7	5.63	2.32	3.03	2.02	1.86	MAX
MIN	1.66	1.38	1.19	1.72	10.6	17.5	4.05	1.68	1.17	1.14	1.03	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.35
MAXIMUM DAILY, 86.9 ON JUN 01
MINIMUM DAILY, 1.03 ON NOV 05
MAXIMUM INSTANTANEOUS,
90.1 AT 09:58 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 58 07 N
LONG 126 38 25 W
DRAINAGE AREA, 407 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 730	JUL	28 300
FEB	3 700	AUG	7 840
MAR	3 770	SEP	3 950
APR	11 700	OCT	4 810
MAY	91 800	NOV	3 970
JUN	94 300	DEC	3 510

TOTAL DISCHARGE, 263 000 dam³

DUCK CREEK AT OUTLET OF ST. MARY LAKE - STATION NO. 08HA046

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	---	---	---	0.119	0.102	0.052	0	0	0	0	---	---	1
2	---	---	---	0.116	0.099	0.049	0	0	0	---	---	---	2
3	---	---	---	0.111	0.097	0.053	0	0	0	---	---	---	3
4	---	---	---	0.110	0.095	0.051	0	0	0	---	---	---	4
5	---	---	---	0.103	0.086	0.051	0	0	0	---	---	---	5
6	---	---	---	0.072	0.085	0.053	0	0	0	---	---	---	6
7	---	---	---	0.008	0.081	0.053	0	0	0	---	---	---	7
8	---	---	---	0.002	0.077	0.051	0	0	0	---	---	---	8
9	---	---	---	0.001	0.077	0.050	0	0	0	---	---	---	9
10	---	---	---	0	0.076	0.034	0	0	0	---	---	---	10
11	---	---	---	0	0.080	0.027	0	0	0	---	---	---	11
12	---	---	---	0	0.074	0.013	0	0	0	---	---	---	12
13	---	---	---	0	0.072	0.006	0	0	0	---	---	---	13
14	---	---	---	0	0.068	0.003	0	0	0	---	---	---	14
15	---	---	---	0	0.066	0.002	0	0	0	---	---	---	15
16	---	---	---	0	0.066	0.001	0	0	0	---	---	---	16
17	---	---	---	0	0.065	0.001	0	0	0	---	---	---	17
18	---	---	---	0	0.062	0	0	0	0	---	---	---	18
19	---	---	---	0	0.060	0	0	0	0	---	---	---	19
20	---	---	---	0.001	0.059	0	0	0	0	---	---	---	20
21	---	---	---	0	0.057	0	0	0	0	---	---	---	21
22	---	---	---	0.001	0.059	0	0	0	0	---	---	---	22
23	---	---	---	0.118	0.056	0	0	0	0	---	---	---	23
24	---	---	---	0.113	0.053	0	0	0	0	---	---	---	24
25	---	---	---	0.114	0.047	0	0	0	0	---	---	---	25
26	---	---	---	0.112	0.044	0	0	0	0	---	---	---	26
27	---	---	---	0.112	0.044	0	0	0	0	---	---	---	27
28	---	---	---	0.110	0.042	0	0	0	0	---	---	---	28
29	---	---	0.131	0.107	0.039	0	0	0	0	---	---	---	29
30	---		---	0.102	0.039		0	0		---		---	30
31	---		---		0.048		0	0		---		---	31
TOTAL	---	---	---	1.532	2.075	0.550	0	0	0	---	---	---	TO
MEAN	---	---	---	0.051	0.067	0.018	0	0	0	---	---	---	ME
MAX	---	---	---	0.119	0.102	0.053	0	0	0	---	---	---	MA
MIN	---	---	---	0	0.039	0	0	0	0	---	---	---	MI

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON APR 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 52 32 N
LONG 123 32 18 W

REGULATED SINCE 1990

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	132	OCT	---
MAY	179	NOV	---
JUN	47.5	DEC	---

DUCK CREEK NEAR WYNNDEL - STATION NO. 08NH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	I
1	0.339	0.294	0.300	0.933	1.57	5.28	2.14	0.884	0.594	0.462	0.487	0.541	
2	0.335	0.296	0.303	1.13	1.63	5.48	2.06	0.866	0.584	0.459	0.464	0.520	
3	0.331	0.283	0.319	1.24	1.69	5.32	1.92	0.854	0.573	0.464	0.450	0.509	
4	0.324	0.291	0.311	1.25	1.79	5.70	1.83	0.826	0.538	0.501	0.444	0.512	
5	0.321	0.305	0.309	1.25	1.99	5.39	1.80	0.813	0.528	0.490	0.442	0.499	
6	0.341	0.312	0.337	1.24	2.22	5.02	1.79	0.829	0.529	0.464	0.437	0.480	
7	0.364	0.317	0.348	1.28	2.10	5.26	1.70	0.786	0.533	0.454	0.432	0.483	
8	0.374	0.313	0.365	1.39	1.98	4.82	1.62	0.724	0.532	0.448	0.435	0.496	
9	0.383	0.307	0.365	1.37	1.92	4.66	1.52	0.742	0.514	0.457	0.694	0.540	
10	0.441	0.323	0.370	1.23	1.88	5.38	1.48	0.722	0.488	0.489	0.874	0.553	
11	0.360	0.335	0.356	1.17	1.88	4.75	1.43	0.694	0.488	0.456	0.666	0.555	
12	0.356	0.315	0.369	1.22	1.90	4.37	1.38	0.672	0.510	0.461	0.571	0.510	
13	0.347	0.265B	0.362	1.21	1.92	4.17	1.34	0.684	0.507	0.464	0.525	0.510	
14	0.343	0.260B	0.361	1.21	1.93	4.14	1.31	0.691	0.497	0.457	0.507	0.496	
15	0.341	0.257B	0.361	1.26	1.93	3.88	1.25	0.647	0.495	0.461	0.487	0.483	
16	0.330	0.256B	0.377	1.35	1.90	3.83	1.24	0.649	0.514	0.465	0.474	0.479	
17	0.331	0.258B	0.383	1.42	1.92	3.73	1.18	0.649	0.517	0.463	0.467	0.479	
18	0.325	0.260B	0.420	1.49	1.93	3.70	1.15	0.641	0.509	0.500	0.448	0.475	
19	0.320	0.270B	0.462	1.62	1.94	3.62	1.14	0.659	0.504	0.486	0.441	0.426	
20	0.315	0.300B	0.563	1.70	1.94	3.63	1.12	0.665	0.500	0.473	0.444	0.437	
21	0.320	0.322	0.626	1.76	1.95	3.54	1.08	0.640	0.481	0.475	0.440	0.437	
22	0.329	0.317	0.617	1.81	1.98	3.98	1.02	0.669	0.487	0.477	0.480	0.434	
23	0.331	0.313	0.563	1.91	2.11	3.78	1.01	0.666	0.489	0.468	0.694	0.438	
24	0.322	0.306	0.539	1.97	2.49	3.76	1.06	0.619	0.491	0.463	1.01	0.438	
25	0.324	0.314	0.507	1.92	3.70	3.59	1.34	0.675	0.469	0.471	1.25	0.439	
26	0.319	0.306	0.498	1.82	3.47	3.31	1.28	0.674	0.466	0.492	0.789	0.434	
27	0.296	0.307	0.516	1.80	3.24	3.01	1.20	0.641	0.466	0.475	0.671	0.430	
28	0.297	0.309	0.559	1.78	3.46	2.70	1.11	0.587	0.466	0.488	0.601	0.435	
29	0.299		0.587	1.68	3.85	2.40	1.03	0.575	0.460	0.485	0.582	0.431	
30	0.303		0.663	1.58	4.23	2.28	0.969	0.662	0.458	0.527	0.551	0.436	
31	0.294		0.743		4.26		0.925	0.635		0.583		0.441A	
TOTAL	10.358	8.311	13.757	43.993	72.70	124.18	42.424	21.740	15.187	14.775	17.257	14.776	T
MEAN	0.334	0.297	0.444	1.47	2.35	4.14	1.37	0.701	0.506	0.477	0.575	0.477	M
MAX	0.441	0.335	0.743	1.97	4.26	5.70	2.14	0.884	0.594	0.583	1.25	0.555	M
MIN	0.294	0.256	0.300	0.933	1.57	2.28	0.925	0.575	0.458	0.448	0.432	0.426	M

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 5.70 ON JUN 04
MINIMUM DAILY, 0.256B ON FEB 16
MAXIMUM INSTANTANEOUS, 6.03 AT 01:56 MST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 116 31 56 W
DRAINAGE AREA, 57 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	595	JUL	3 670
FEB	718	AUG	1 880
MAR	1 190	SEP	1 310
APR	3 800	OCT	1 280
MAY	6 280	NOV	1 490
JUN	10 700	DEC	1 280

TOTAL DISCHARGE, 34 500 dam³

DUCK LAKE NEAR SIRDAR - STATION NO. 08NH107

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532.193	532.000	532.100	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	531.795	---	---	2
3	532.080	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	531.334	531.620	---	532.035	---	---	531.838	---	---	4
5	---	531.814	---	---	---	---	---	---	532.050	---	---	532.120	5
6	---	---	---	---	---	532.315	---	---	---	---	---	---	6
7	---	531.798	531.528	---	---	532.330	---	---	---	---	531.970	---	7
8	532.047	---	531.515	---	---	---	532.035	532.100	---	---	---	---	8
9	---	---	---	---	531.680	---	---	---	---	---	---	---	9
10	532.046	---	---	---	---	---	---	---	---	531.835	---	---	10
11	---	---	---	531.330	---	---	532.025	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	531.700	---	---	532.145	12
13	---	---	---	---	---	532.320	---	---	---	---	---	---	13
14	---	531.732	531.500	---	---	---	---	---	---	---	532.000	---	14
15	---	---	---	---	---	---	---	532.120	---	---	---	---	15
16	---	---	---	---	531.830	---	---	---	---	---	532.048	---	16
17	531.992	---	---	---	---	---	531.970	---	---	531.865	---	---	17
18	---	---	---	531.355	---	532.310	531.960	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	531.850	---	---	532.150	19
20	---	---	---	---	---	532.280	---	---	---	---	---	---	20
21	---	531.708	531.475	---	---	---	---	---	---	---	532.050	---	21
22	---	---	---	---	---	---	---	532.130	---	---	---	---	22
23	---	---	---	531.420	---	---	---	---	---	---	---	---	23
24	---	---	---	---	531.820	---	---	532.132	---	531.900	---	---	24
25	531.898	---	---	---	---	---	532.040	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	532.075	26
27	---	---	---	---	---	532.175	---	---	531.790	---	---	---	27
28	---	531.592	531.380	---	---	---	---	---	---	---	532.170	---	28
29	---		---	---	---	---	---	532.150	---	---	---	---	29
30	---		---	---	532.130	---	---	---	---	---	---	---	30
31	531.840		---		---		---	---		531.935		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 31 N
LONJ 116 38 46 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1951

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RESERVOIR AT DUNCAN DAM - STATION NO. 08NH127

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	569.363	560.553	557.008	557.526	557.255	556.246	568.512	576.705	576.610	575.867	576.625	575.830	1
2	569.101	560.223	556.988	557.583	557.072	556.563	568.960	576.693	576.536	575.905	576.593	575.625	2
3	568.841	559.900	556.973	557.641	556.918	556.880	569.423	576.651	576.451	575.948	576.564	575.405	3
4	568.575	559.598	556.953	557.668	556.844	557.207	569.807	576.636	576.361	576.047	576.538	575.184	4
5	568.302	559.270	556.937	557.694	556.826	557.533	570.152	576.662	576.269	576.237	576.505	574.979	5
6	568.030	558.985	556.919	557.718	556.918	557.808	570.556	576.690	576.182	576.314	576.498	574.758	6
7	567.759	558.763	556.898	557.720	557.008	558.078	571.014	576.694	576.095	576.363	576.503	574.532	7
8	567.489	558.619	556.893	557.739	557.016	558.375	571.453	576.664	576.012	576.413	576.512	574.321	8
9	567.224	558.563	556.917	557.757	556.877	558.638	571.877	576.640	575.931	576.460	576.540	574.116	9
10	566.947	558.528	556.942	557.754	556.710	558.923	572.309	576.646	575.849	576.527	576.576	573.900	10
11	566.677	558.478	556.968	557.751	556.538	559.347	572.762	576.672	575.770	576.574	576.604	573.688	11
12	566.404	558.431	556.988	557.747	556.433	559.767	573.280	576.701	575.696	576.626	576.658	573.463	12
13	566.134	558.377	557.010	557.740	556.345	560.070	573.824	576.696	575.594	576.667	576.646	573.225	13
14	565.849	558.307	557.033	557.739	556.261	560.327	574.271	576.695	575.489	576.673	576.626	572.990	14
15	565.570	558.246	557.051	557.744	556.164	560.591	574.550	576.676	575.380	576.671	576.615	572.761	15
16	565.286	558.171	557.066	557.752	556.064	560.892	574.762	576.642	575.289	576.668	576.599	572.557	16
17	564.996	557.980	557.088	557.771	555.976	561.252	574.955	576.619	575.213	576.648	576.484	572.360	17
18	564.699	557.733	557.113	557.812	555.900	561.644	575.100	576.628	575.190	576.632	576.355	572.193	18
19	564.402	557.483	557.138	557.872	555.829	562.037	575.223	576.636	575.171	576.619	576.218	571.948	19
20	564.112	557.260	557.167	557.941	555.760	562.443	575.326	576.652	575.147	576.617	576.079	571.726	20
21	563.826	557.174	557.194	557.995	555.714	562.894	575.426	576.667	575.136	576.614	575.936	571.510	21
22	563.546	557.153	557.232	558.027	555.670	563.384	575.537	576.691	575.193	576.613	575.809	571.306	22
23	563.261	557.138	557.256	558.039	555.618	563.922	575.660	576.689	575.273	576.612	575.697	571.123	23
24	562.955	557.114	557.279	557.989	555.593	564.584	575.787	576.637	575.364	576.605	575.733	570.954	24
25	562.649	557.090	557.303	557.915	555.641	565.309	575.925	576.622	575.471	576.600	575.773	570.781	25
26	562.359	557.070	557.329	557.882	555.709	565.943	576.065	576.622	575.555	576.604	575.781	570.603	26
27	562.053	557.052	557.357	557.834	555.703	566.541	576.240	576.617	575.632	576.605	575.786	570.424	27
28	561.764	557.027	557.388	557.751	555.696	567.055	576.369	576.643	575.690	576.605	575.832	570.242	28
29	561.477		557.412	557.600	555.726	567.550	576.438	576.675	575.752	576.608	575.878	570.038	29
30	561.176		557.441	557.427	555.851	567.994	576.490	576.698	575.815	576.615	575.922	569.797	30
31	560.871		557.477		556.036		576.624	576.666		576.627		569.556	31
MEAN	565.216	558.224	557.120	557.771	556.247	561.326	573.699	576.662	575.704	576.490	576.283	572.642	MEAN
MAX	569.363	560.553	557.477	558.039	557.255	567.994	576.624	576.705	576.610	576.673	576.658	575.830	MAX
MIN	560.871	557.027	556.893	557.427	555.593	556.246	568.512	576.617	575.136	575.867	575.697	569.556	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MEAN, 567.351
MAXIMUM DAILY, 576.705 ON AUG 01
MINIMUM DAILY, 555.593 ON MAY 24
MAXIMUM INSTANTANEOUS,
576.718 AT 14:00 PST ON AUG 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 20 N
LONG 116 56 51 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RIVER BELOW B.B. CREEK - STATION NO. 08NH119

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.6	8.37	8.22	20.5	42.9	162	233	151	65.7	29.4	23.0	26.6	1
2	10.9	9.04	7.96	26.3	43.9	131	218	136	66.9	26.1	20.8	25.6	2
3	10.7	9.02	7.99	30.6	48.5	117	217	119	58.7	25.0	19.9	24.3	3
4	10.9	9.06	8.14	30.0	64.4	124	170	121	59.4	84.0	20.1	24.7	4
5	11.0	8.78	7.91	30.7	99.0	111	173	135	61.6	69.2	19.6	23.8	5
6	10.7	8.59	7.79	32.6	131	101	221	148	61.5	37.3	17.2	22.3	6
7	10.6	8.47	7.96	34.3	100	107	219	135	61.7	30.6	18.3	21.4	7
8	11.3	8.36	8.60	34.8	78.9	102	214	119	61.9	27.3	17.9	21.1	8
9	11.2	8.64	7.97	33.0	71.3	105	220	118	65.7	26.3	18.8	21.9	9
10	10.7	8.31	8.03	29.7	66.9	143	227	126	64.6	30.2	23.8	21.2	10
11	9.19	7.78	7.94	28.0	65.4	174	245	136	68.3	25.3	62.6	20.1	11
12	9.81	8.91	8.10	27.1	67.6	132	269	140	61.5	26.5	76.0	18.7	12
13	10.7	8.39	7.84	27.0	70.0	108	263	140	51.9	25.7	78.0	18.3	13
14	10.1	8.23	7.79	28.8	67.1	101	229	142	52.1	24.6	65.9	18.6	14
15	9.95	7.80B	7.78	31.8	65.0	113	198	131	55.3	23.0	50.9	18.9	15
16	10.0	8.00B	7.73	36.5	67.4	138	192	117	62.4	22.4	44.7	18.2	16
17	9.05	8.80B	7.81	42.9	72.3	170	172	103	52.8	20.8	42.2	17.8	17
18	8.61	8.78B	8.51	50.4	75.0	175	151	96.0	44.5	21.9	37.3	17.3	18
19	8.58B	8.78B	9.03	60.3	81.5	167	144	94.3	43.6	21.4	33.5	15.5	19
20	8.50B	8.75B	9.84	71.1	83.9	193	131	99.1	39.5	19.7	32.1	14.5	20
21	8.65B	8.70B	11.0	77.5	87.6	198	133	101	39.7	20.8	29.9	14.1B	21
22	8.70B	8.65B	9.99	81.3	84.7	225	143	119	45.0	19.6	29.9	13.8B	22
23	8.75B	8.62	9.47	85.6	95.7	264	147	96.1	50.9	19.0	28.2	13.5B	23
24	8.82B	8.44	9.09	86.4	115	329	157	88.1	47.8	18.1	56.5	13.1B	24
25	8.97	8.32	9.30	76.6	131	304	156	63.2	52.1	20.1	43.3	12.8B	25
26	9.50	8.08	9.67	63.9	115	275	164	53.3	46.6	30.5	37.0	12.5B	26
27	9.31	7.96	10.1	56.9	117	266	181	47.4	37.6	23.0	33.8	12.4B	27
28	9.55	8.16	10.6	50.4	141	243	154	51.8	34.1	24.7	31.6	12.2B	28
29	9.06		11.0	45.4	176	216	151	59.3	35.8	23.8	31.3	12.0B	29
30	8.86		12.2	43.2	207	240	158	83.4	33.3	25.3	28.9	11.8B	30
31	8.42		15.5		179		160	84.0		25.6		11.7B	31
TOTAL	302.68	237.79	280.86	1 373.6	2 911.0	5 231	5 810	3 332.0	1 587.5	870.2	1 082.7	551.0	TOTAL
MEAN	9.76	8.49	9.06	45.8	93.9	174	187	107	52.9	28.1	36.1	17.8	MEAN
MAX	11.6	9.06	15.5	86.4	207	329	269	151	68.3	84.0	78.0	26.6	MAX
MIN	8.42	7.78	7.73	20.5	42.9	101	131	47.4	33.3	19.0	17.2	11.7	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.6
MAXIMUM DAILY, 329 ON JUN 24
MINIMUM DAILY, 7.73 ON MAR 16
MAXIMUM INSTANTANEOUS,
365 AT 21:31 PST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 17 N
LONG 117 02 50 W
DRAINAGE AREA, 1 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 200	JUL	502 000
FEB	20 500	AUG	288 000
MAR	24 300	SEP	137 000
APR	119 000	OCT	75 200
MAY	252 000	NOV	93 500
JUN	452 000	DEC	47 600

TOTAL DISCHARGE, 2 040 000 dam³

DUNCAN RIVER BELOW DUNCAN DAM - STATION NO. 08NH126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	240	238	28.3	3.11	183	155	2.83	223	169	3.11	51.5	182	1
2	239	239	28.3	3.11	184	37.7	3.11	223	169	3.11	60.9	225	2
3	238	239	28.3	21.8	149	2.83	3.11	224	170	3.11	60.9	226	3
4	239	239	28.3	33.4	129	2.83	3.11	189	170	3.11	60.9	225	4
5	239	238	28.3	33.7	129	3.11	3.11	178	170	3.11	42.5	227	5
6	240	200	28.3	44.2	129	3.11	3.11	178	170	3.11	29.7	227	6
7	239	140	28.0	50.7	129	3.11	7.93	219	170	3.11	29.7	226	7
8	239	92.6	12.5	50.7	186	3.11	7.65	221	169	3.11	29.7	225	8
9	239	51.8	2.83	50.7	221	3.11	2.83	195	169	3.11	30.0	224	9
10	239	54.9	2.83	50.7	224	3.11	3.11	187	169	3.11	49.6	223	10
11	239	54.9	2.83	50.7	202	3.11	3.11	189	168	3.11	60.9	223	11
12	239	54.7	2.83	50.7	170	2.83	3.11	210	168	3.11	83.5	225	12
13	239	54.7	2.83	50.7	170	2.83	3.11	231	168	24.6	132	226	13
14	239	54.7	2.83	50.7	169	2.83	69.7	231	170	39.6	120	225	14
15	240	54.4	2.83	50.7	169	2.83	130	231	169	39.6	80.7	208	15
16	240	106	2.83	50.7	168	2.83	140	212	169	49.3	123	201	16
17	239	158	2.83	50.7	168	3.11	141	165	123	53.8	169	201	17
18	239	180	2.83	50.7	169	3.11	140	143	84.4	53.8	171	200	18
19	239	180	2.83	51.0	170	3.11	140	143	84.4	41.9	172	200	19
20	239	128	2.83	66.3	169	2.83	140	143	84.4	36.2	171	199	20
21	239	48.4	2.83	98.3	169	2.83	140	143	34.0	36.2	171	198	21
22	239	28.9	2.83	110	170	2.83	140	166	3.96	36.2	170	180	22
23	238	28.9	2.83	147	179	2.83	141	187	3.11	36.2	118	169	23
24	239	28.6	2.83	186	185	2.83	141	144	3.11	36.2	56.6	169	24
25	238	28.3	2.83	158	185	2.83	140	104	3.11	36.2	54.9	168	25
26	240	28.3	3.11	131	185	3.11	140	90.9	3.11	36.2	54.9	170	26
27	240	28.3	3.11	131	209	3.11	140	63.1	3.11	36.2	22.1	170	27
28	239	28.3	3.11	166	225	3.11	177	54.4	3.11	36.2	3.11	170	28
29	238		3.11	185	244	5.66	205	63.4	3.11	36.2	3.11	205	29
30	238		3.11	184	241	2.83	161	137	3.11	36.2	65.4	225	30
31	238		3.11		229		144	169		36.2		224	31
TOTAL	7 409	3 005.7	277.07	2 361.32	5 610	278.41	2 618.93	5 256.8	3 146.04	774.32	2 447.62	6 366	TOTAL
MEAN	239	107	8.94	78.7	181	9.28	84.5	170	105	25.0	81.6	205	MEAN
MAX	240	239	28.3	186	244	155	205	231	170	53.8	172	227	MAX
MIN	238	28.3	2.83	3.11	129	2.83	2.83	54.4	3.11	3.11	3.11	168	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 244 ON MAY 29
MINIMUM DAILY, 2.83 ON MAR 09

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 15 05 N
LONG 116 56 51 W

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	640 000	JUL	226 000
FEB	260 000	AUG	454 000
MAR	23 900	SEP	272 000
APR	204 000	OCT	66 900
MAY	485 000	NOV	211 000
JUN	24 100	DEC	550 000

TOTAL DISCHARGE, 3 420 000 dam³

DUNCAN RIVER BELOW LARDEAU RIVER - STATION NO. 08NH118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	259E	259	46.3	29.7	258	334	264	332	221	30.4	86.2	229	1
2	260E	260	46.9	34.4	256	224	248	349	218	30.5	94.4	272	2
3	260E	259	45.5	56.0	221	180	249	319	218	30.9	93.3	274	3
4	260E	260	46.0	68.9	206	180	226	283	216	46.0	93.7	272	4
5	259E	258	45.8	70.2	221	173	214	272	216	67.0	74.0	272	5
6	259E	223	45.1	83.4	249	165	220	298	214	46.6	61.3	269	6
7	260E	163	45.2	91.8	248	165	217	320	211	42.3	61.1	267	7
8	260E	117	31.5	93.9	294	162	209	306	209	40.2	61.0	267	8
9	261E	72.0	20.7	94.6	323	157	211	277	210	39.6	61.5	265	9
10	261E	76.1	20.5	94.4	320	171	215	265	209	42.3	95.7	264	10
11	261E	76.9	19.5	94.3	299	193	219	266	208	39.8	133	262	11
12	262E	75.7	19.4	92.9	268	186	228	288	209	40.5	152	263	12
13	262E	75.6	19.4	92.9	267	175	230	306	207	62.3	200	262	13
14	262E	74.5	19.6	94.2	266	166	279	304	206	75.0	194	261	14
15	262A	74.5	19.0	97.5	263	164	324	302	204	73.8	142	246	15
16	260	124	19.1	101	261	172	324	283	205	85.3	192	237	16
17	260	177	19.5	105	259	189	313	231	160	87.8	231	238	17
18	259	197	19.5	109	262	198	298	207	122	88.2	231	236	18
19	259	197	20.3	116	264	203	290	205	121	76.0	229	233	19
20	258	150	20.7	139	267	224	281	202	120	68.9	227	230	20
21	260	70.1	21.4	178	267	227	274	202	67.6	68.4	224	229	21
22	260	48.8	21.1	193	271	235	273	230	35.7	68.9	225	219	22
23	260	48.1	21.0	239	286	263	271	246	35.8	68.7	178	216	23
24	259	47.9	21.4	281	303	291	275	199	35.7	67.4	128	200	24
25	260	47.6	21.0	252	317	305	272	159	34.9	67.9	121	201	25
26	259	46.8	20.8	222	316	297	268	146	34.1	69.5	116	203	26
27	259	46.7	21.2	218	339	286	279	114	33.1	69.1	80.3	203	27
28	261	46.1	21.9	249	361	276	296	106	32.0	69.8	58.6	202	28
29	259		21.8	263	395	274	329	113	31.7	70.9	57.0	241E	29
30	260		22.9	259	415	264	284	190	31.3	71.0	117	257E	30
31	259		25.7		396		260	224		71.9		254E	31
TOTAL	8 060	3 571.4	829.3	4 113.1	8 938	6 489	8 140	7 544	4 275.9	1 876.9	4 020.1	7 521	TOTAL
MEAN	260	128	26.8	137	288	216	263	243	143	60.5	134	243	MEAN
MAX	262	260	46.9	281	415	334	329	349	221	88.2	231	274	MAX
MIN	258	46.1	19.0	29.7	206	157	209	106	31.3	30.4	57.0	200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 179
MAXIMUM DAILY, 415 ON MAY 30
MINIMUM DAILY, 19.0 ON MAR 15
MAXIMUM INSTANTANEOUS,
430 AT 09:05 PST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 56 N
LONG 116 57 18 W
DRAINAGE AREA, 4 070 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	696 000	JUL	703 000
FEB	309 000	AUG	652 000
MAR	71 700	SEP	369 000
APR	355 000	OCT	162 000
MAY	772 000	NOV	347 000
JUN	561 000	DEC	650 000

TOTAL DISCHARGE, 5 650 000 dam³

DUTEAU CREEK NEAR LAVINGTON - STATION NO. 08LC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235	0.134	0.165	0.411	0.229	9.64	3.30 E	0.275A	0.342A	0.293A	0.195A	0.350B	1
2	0.189	0.227	0.158	0.655	0.166	12.1	2.70 E	0.302A	0.408A	0.386A	0.216A	0.380B	2
3	0.260	0.277	0.158	0.821	0.172	13.5	2.23 A	0.216A	0.454A	0.181A	0.248A	0.440B	3
4	0.243	0.227	0.163	0.804	0.154	16.2	1.75 E	0.325A	0.408A	0.181A	0.248A	0.329B	4
5	0.189	0.198	0.158	0.764	0.245	14.0 A	1.50 E	0.266A	0.392A	0.257A	0.216A	0.270B	5
6	0.189	0.153	0.159	0.849	0.250	12.0 E	1.60 E	0.302A	0.414A	0.257A	0.167A	0.345B	6
7	0.192	0.140	0.173	0.954	0.154	9.96A	1.70 E	0.111A	0.181A	0.293A	0.466A	0.354B	7
8	0.188	0.127	0.167	0.998	0.127	9.00E	0.300E	0.216A	0.369A	0.216A	0.331A	0.355B	8
9	0.177	0.142	0.188	0.886	0.298	8.20E	0.250E	0.311A	0.293A	0.174A	0.386A	0.340B	9
10	0.158	0.183	0.286	0.694	0.339	7.60E	0.215E	0.181A	0.202A	0.408A	0.181A	0.315B	10
11	0.123	0.155	0.350	0.698	0.485	8.80E	0.190E	0.342A	0.478A	0.284A	0.248A	0.295B	11
12	0.177	0.139	0.219	0.604	0.364	9.40E	0.175E	0.311A	0.466A	0.230A	0.293A	0.290B	12
13	0.306	0.136	0.302	0.622	0.407	10.4 E	0.160E	0.181A	0.275A	0.266A	0.257A	0.287B	13
14	0.226	0.133	0.240	0.638	0.274	12.0 A	0.150E	0.129A	0.408A	0.253A	0.146A	0.283B	14
15	0.193	0.130	0.244	0.653	0.134	10.8 E	0.140E	0.132A	0.448A	0.248A	0.146A	0.279B	15
16	0.174	0.330	0.240	0.581	0.130	9.40E	0.132E	0.275A	0.708A	0.257A	0.239A	0.274B	16
17	0.167	0.223	0.248	0.593	0.235	8.30E	0.126E	0.331A	0.331A	0.167A	0.370A	0.270B	17
18	0.129	0.200	0.274	0.494	0.345	7.60E	0.122E	0.526A	0.257A	0.716A	0.284A	0.240B	18
19	0.121	0.262	0.261	0.445	0.252	6.73A	0.118A	0.526A	0.202A	0.700A	0.216A	0.160B	19
20	0.233	0.379	0.278	0.344	0.325	7.00E	0.118E	0.478A	0.195A	0.668A	0.257A	0.130B	20
21	0.339	0.214	0.267	0.319	0.193	6.70E	0.118E	0.118A	0.293A	0.716A	0.181A	0.102B	21
22	0.328	0.141	0.245	0.466	0.615	6.30E	0.118E	0.557A	0.248A	0.700A	0.331A	0.380B	22
23	0.241	0.129	0.191	0.578	0.912	6.20E	0.118E	0.526A	0.239A	0.408A	0.353A	0.340B	23
24	0.195	0.126	0.224	0.435	1.48	6.00E	0.550A	0.364A	0.386A	0.397A	0.375A	0.305B	24
25	0.183	0.128	0.302	0.360	2.13	5.30E	0.748A	0.716A	0.239A	0.230A	0.408A	0.265B	25
26	0.156	0.127	0.305	0.409	3.97	4.90E	0.408A	0.302A	0.216A	0.257A	0.210B	0.235B	26
27	0.164	0.127	0.227	0.390	6.39	4.90E	0.125A	0.216A	0.230A	0.248A	0.480B	0.207B	27
28	0.188	0.168	0.198	0.440	6.31	4.40E	0.408A	0.139A	0.275A	0.248A	0.400B	0.205B	28
29	0.166		0.161	0.328	7.31	4.00E	0.280A	0.564A	0.320A	0.210E	0.360B	0.203B	29
30	0.169		0.197	0.214	8.52	3.70E	0.216A	0.652A	0.364A	0.200E	0.280B	0.205B	30
31	0.143		0.271		9.71		0.386A	0.466A		0.146A		0.209B	31
TOTAL	6.141	5.055	7.019	17.447	52.625	255.03	20.453	10.356	10.041	10.195	8.488	8.637	TOTAL
MEAN	0.198	0.181	0.226	0.582	1.70	8.50	0.660	0.334	0.335	0.329	0.283	0.279	MEAN
MAX	0.339	0.379	0.350	0.998	9.71	16.2	3.30	0.716	0.708	0.716	0.480	0.440	MAX
MIN	0.121	0.126	0.158	0.214	0.127	3.70	0.118	0.111	0.181	0.146	0.146	0.102	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 16.2 ON JUN 04
MINIMUM DAILY, 0.102B ON DEC 21
MAXIMUM INSTANTANEOUS,
16.6 AT 06:06 PST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 51 N
LONG 119 02 04 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	531	JUL	1 770
FEB	437	AUG	895
MAR	606	SEP	868
APR	1 510	OCT	881
MAY	4 550	NOV	733
JUN	22 000	DEC	746

TOTAL DISCHARGE, 35 500 dam³

EAGLE RIVER NEAR MALAKWA - STATION NO. 08LE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6 A	8.14A	7.25	32.3	46.5A	133	134 E	52.8	37.3	9.73	16.9	22.0	1
2	10.6 A	8.72A	7.10	47.8	48.3A	134	125 E	45.2	[illegible]	10.2	15.7	21.4	2
3	10.6 A	8.96	7.14	56.1	50.9A	130	151 E	38.1	[illegible]	10.4	14.7	20.4	3
4	10.6 A	8.83	7.16	54.3	65.2A	148	116 E	36.4	[illegible]	25.6	15.0	20.6	4
5	10.1 A	8.49	7.06	51.9	97.0A	128	111 E	37.3	19.9	36.5	14.5	20.1	5
6	10.2 A	8.43	7.18	52.1	153 A	105	178 E	38.7	19.3	19.2	13.3	19.4	6
7	11.1 A	8.21	8.18	54.3	101 A	117	180 E	36.9	18.7	15.3	13.8	18.6	7
8	10.3 A	8.04	11.8	55.6	77.4A	117	138 E	31.4	18.7	14.0	13.5	17.8	8
9	11.1	7.86	10.7	53.2	65.1A	106	127	30.5	18.2	15.2	14.8	18.1	9
10	11.5	8.70	10.5	47.8	63.0A	128	124	31.0	17.4	19.4	31.2	17.8	10
11	10.3	9.06	10.1	43.0	68.0A	181	130	31.9	17.0	15.4	83.1	17.9	11
12	10.7	8.86	9.89	39.7	68.3	223	141	32.1	16.8	17.3	111	17.1	12
13	10.8	7.65	9.77	39.1	70.6	180	131	31.8	15.0	16.7	102	16.5	13
14	10.3	7.26	9.60	40.6	67.6	149	111	34.1	14.5	15.3	83.6	15.9	14
15	9.96	7.76	9.47	45.2	66.0	140	93.4	32.2	15.0	14.0	63.0	15.8	15
16	9.69	7.86	9.49	50.2	64.5	146	91.1	27.8	16.4	13.6	52.0	15.5	16
17	9.42	6.64	10.3	57.0	67.1	148	82.8	25.6	18.5	13.0	50.0	15.7	17
18	8.53	6.29	12.4	63.0	70.9	150	74.5	23.9	15.5	12.9	44.2	15.5	18
19	7.84	8.03A	15.0	69.7	72.7	160	66.9	21.4	14.4	13.0	38.8	9.10B	19
20	7.72	8.06A	17.9	82.8	75.4	182	62.1	22.5	13.6	12.3	34.4	8.20B	20
21	9.07A	8.08A	21.3	94.8	75.8	174	58.4	27.7	12.9	12.9	30.5	7.80B	21
22	9.39	8.24	21.9	100	75.0	178	58.3	38.0	13.5	13.1 A	29.6	7.50B	22
23	9.57	8.19	20.3	98.0	87.7	208	60.6	50.1	14.5	12.9 A	30.3	7.70B	23
24	9.57	7.99	19.0	113	110	197	57.2	29.9	14.4	12.4 A	33.9	9.30B	24
25	9.61	7.94	17.9	98.4	124	178	55.2	23.9	13.8	13.2	31.1	10.0 B	25
26	9.53	7.72	17.4	81.8	114	156	54.1	24.0	13.0	19.9	28.1	10.8 B	26
27	9.25	7.36	17.1	69.9	104	143	52.5	20.1	11.7	17.6	27.3	9.00B	27
28	9.29	7.19	17.2	59.7	114	135	49.6	18.2	11.0	19.6	25.6	7.40B	28
29	9.36		17.2	53.2	154	117E	47.6	17.7	10.6	19.1	24.8	8.50B	29
30	8.98		18.6	48.9A	189	128E	48.4	53.4	10.1	18.5	23.4	9.00B	30
31	7.90		23.8		146		49.0	53.0		18.4		9.60B	31
TOTAL	303.48	224.56	409.69	1 853.4	2 752.0	4 519	2 958.7	1 017.6	508.3	496.63	1 110.1	440.00	TOTAL
MEAN	9.79	8.02	13.2	61.8	88.8	151	95.4	32.8	16.9	16.0	37.0	14.2	MEAN
MAX	11.5	9.06	23.8	113	189	223	180	53.4	37.3	36.5	111	22.0	MAX
MIN	7.72	6.29	7.06	32.3	46.5	105	47.6	17.7	10.1	9.73	13.3	7.40	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.5
MAXIMUM DAILY, 223 ON JUN 12
MINIMUM DAILY, 6.29 ON FEB 18
MAXIMUM INSTANTANEOUS,
240 AT 14:34 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 15 N
LONG 118 47 59 W
DRAINAGE AREA, 904 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 200	JUL	256 000
FEB	19 400	AUG	87 900
MAR	35 400	SEP	43 900
APR	160 000	OCT	42 900
MAY	238 000	NOV	5 900
JUN	390 000	DEC	38 000

TOTAL DISCHARGE, 1 430 000 dam³

EAST CANOE CREEK ABOVE DAM - STATION NO. 08LE108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.035	0.030B	0.028B	0.156	0.322	0.286E	0.220	0.097	0.069	0.025E	0.032	0.069	1
2	0.035	0.031B	0.028B	0.204E	0.322	0.307E	0.234	0.091	0.064	0.025E	0.031	0.068	2
3	0.035	0.031B	0.028B	0.230E	0.314	0.309E	0.258	0.087	0.055	0.027	0.032	0.068	3
4	0.035	0.032B	0.027B	0.234E	0.307	0.568E	0.237	0.085	0.051	0.029	0.032	0.070	4
5	0.034	0.033B	0.029B	0.236E	0.294E	0.632E	0.220	0.080	0.048	0.029	0.030A	0.068	5
6	0.035	0.033B	0.028B	0.243E	0.282E	0.519E	0.310	0.074	0.046	0.030	0.028	0.066	6
7	0.035	0.032B	0.030	0.260E	0.270E	0.494E	0.351	0.071	0.043	0.031	0.031	0.064A	7
8	0.034	0.031B	0.039	0.274E	0.258E	0.451E	0.313	0.070	0.041	0.029	0.029	0.066E	8
9	0.036	0.030B	0.034	0.310	0.248E	0.438E	0.283	0.068	0.040	0.032	0.034	0.068E	9
10	0.036	0.030B	0.035	0.299	0.246E	0.534E	0.264	0.064	0.039	0.033	0.074	0.065E	10
11	0.034	0.031B	0.033	0.295	0.265E	0.881E	0.245	0.062	0.038	0.035	0.095	0.060E	11
12	0.035	0.031B	0.035	0.292	0.250E	1.32 E	0.247	0.060	0.037	0.041	0.095	0.058E	12
13	0.035	0.030B	0.035	0.314	0.230E	0.860E	0.237	0.057	0.040	0.038	0.105	0.060E	13
14	0.035	0.029B	0.035	0.341	0.213E	0.750E	0.193E	0.057	0.041	0.038	0.102	0.061E	14
15	0.035	0.028B	0.035	0.370	0.193	0.641	0.193E	0.055	0.038	0.037	0.088	0.060E	15
16	0.035	0.029B	0.035	0.416	0.181	0.551	0.189E	0.052	0.044	0.040	0.083	0.058E	16
17	0.032B	0.026B	0.035	0.461	0.174	0.497	0.177	0.062	0.043	0.038	0.077	0.049E	17
18	0.031B	0.025B	0.044	0.512	0.167	0.446	0.171	0.065	0.041	0.036	0.072	0.040A	18
19	0.030B	0.026B	0.051	0.531	0.160	0.424	0.162	0.057	0.039	0.033	0.070	0.037E	19
20	0.030B	0.027B	0.054	0.536	0.155	0.429	0.155	0.054	0.035	0.032	0.066	0.034E	20
21	0.033	0.026B	0.063	0.561	0.149	0.389	0.147	0.053	0.034	0.038	0.067	0.034E	21
22	0.032	0.026B	0.068	0.536	0.172	0.364	0.140	0.056	0.033E	0.041	0.066	0.033E	22
23	0.032	0.027B	0.069	0.522	0.202E	0.334	0.136	0.054	0.032E	0.036	0.068	0.033E	23
24	0.032	0.027B	0.065	0.676	0.208E	0.313	0.133	0.051	0.031E	0.032	0.072	0.033E	24
25	0.032	0.029B	0.063	0.580	0.256E	0.296	0.129	0.063	0.030E	0.033	0.071	0.032E	25
26	0.031	0.028B	0.063	0.498	0.275E	0.294	0.126	0.074	0.029E	0.035	0.064	0.032E	26
27	0.030	0.027B	0.066	0.452	0.256E	0.280	0.120	0.065	0.028E	0.033	0.068	0.032E	27
28	0.031	0.028B	0.066	0.408	0.234E	0.266	0.115	0.058	0.027E	0.032	0.068A	0.032E	28
29	0.031		0.069	0.375	0.269E	0.245	0.108	0.054	0.026E	0.031	0.068A	0.032E	29
30	0.029B		0.077	0.341	0.341E	0.228	0.104	0.095	0.025E	0.034	0.070	0.032E	30
31	0.029B		0.107		0.305E		0.101	0.080		0.035		0.032E	31
TOTAL	1.024	0.813	1.474	11.463	7.518	14.346	6.018	2.071	1.187	1.038	1.888	1.546	TOTAL
MEAN	0.033	0.029	0.048	0.382	0.243	0.478	0.194	0.067	0.040	0.034	0.063	0.050	MEAN
MAX	0.036	0.033	0.107	0.676	0.341	1.32	0.351	0.097	0.069	0.041	0.105	0.070	MAX
MIN	0.029	0.025	0.027	0.156	0.149	0.228	0.101	0.051	0.025	0.025	0.028	0.032	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.138
MAXIMUM DAILY, 1.32E ON JUN 12
MINIMUM DAILY, 0.025B ON FEB 18
MAXIMUM INSTANTANEOUS,
1.71E AT 17:00 PST ON JUN 12

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 48 N
LONG 119 11 41 W
DRAINAGE AREA, 20.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88.5	JUL	520
FEB	70.2	AUG	179
MAR	127	SEP	103
APR	990	OCT	89.7
MAY	650	NOV	163
JUN	1 240	DEC	134

TOTAL DISCHARGE, 4 350 dam³

ELAHO RIVER NEAR THE MOUTH - STATION NO. 08GA071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.6	13.0B	13.9B	61.1	62.2	157	243	250E	154	85.4	58.0E	41.4	1
2	22.7	13.2B	14.5B	67.1	81.4	129	184	225E	117	67.1	55.0E	36.9	2
3	21.2	15.0B	15.0B	64.2	100	250	164	195E	108	103	52.0E	35.8	3
4	20.7	17.0B	15.4	55.7	106	193	151	220E	111	441	45.0E	56.0	4
5	22.5	16.5B	15.4	59.9	165	131	187	235E	118	154	35.0E	45.6	5
6	37.3	16.0B	17.9	70.6	156	125	199	245E	146	86.3	29.7A	37.8	6
7	46.5	15.0B	19.9	82.0	96.9	137	203	220E	153	61.4	30.7	34.8	7
8	46.5	14.2B	18.1	85.4	85.8	124	224	205E	171	47.8	30.6	43.4	8
9	37.0	13.8B	16.8	66.2	90.1	118	233	220E	166	78.4	34.7	40.7	9
10	31.5	14.5B	15.7	53.6	111	148	235	240E	151	71.4	132	35.9	10
11	25.0	12.9B	14.7	58.0	130	132	272	270E	159	48.0	901 E	32.3	11
12	24.0	12.8B	13.7	84.8	141	112	313	280E	157	53.1	681 E	29.5	12
13	23.8	12.5B	13.4	80.9	135	103	322	275E	129	57.2	426	26.9	13
14	27.9	12.3B	13.5	71.2	109	155	287	235E	132	42.0	183	25.0B	14
15	28.5	12.0B	13.1	85.9	112	200	287	200E	131	36.1	115	24.5B	15
16	27.2	11.8B	13.5	100	119	206	253	180E	135	32.7	111	22.0B	16
17	21.0B	11.6B	17.5	161	115	190	212	170E	112	31.3	112	21.0B	17
18	18.5B	11.5B	28.8	148	121	206	200	175E	102	39.3	73.7	19.0B	18
19	17.4B	11.8B	35.7	112	126	233	203	195E	97.1	40.6	60.0	18.0B	19
20	16.0B	12.2B	38.1	118	110	240	215	225E	97.7	32.5	50.8	17.0B	20
21	15.6B	11.8B	40.3	121	101	247	232	240E	130	34.4	45.6	16.0B	21
22	15.5B	11.7B	34.8	106	129	323	255	248E	158	36.8	46.8	15.5B	22
23	16.5B	11.6B	28.3	96.3	117	353	270E	180E	172	33.2	346	15.4B	23
24	16.7B	11.8B	24.4	99.5	95.1	286	245E	175E	155	101	264	15.3B	24
25	17.2B	12.2B	22.5	86.8	95.1	247	235E	115E	141	803 E	109	15.4B	25
26	17.7B	12.7B	21.6	73.6	91.8	236	260E	107E	126	495 E	70.9	14.7B	26
27	17.0B	13.0B	22.5	65.6	115	200	248E	105E	111	175 E	56.7	14.0B	27
28	16.0B	13.5B	26.8	56.3	170	197	249E	115E	107	250 E	49.7	13.5B	28
29	15.0B		35.1	52.4	194	200	255E	190E	117	100 E	62.3	13.4B	29
30	14.2B		45.1	51.5	175	302	265E	209A	84.0	85.0E	48.7	13.0B	30
31	13.7B		55.0		163		270E	214		75.0E		14.5B	31
TOTAL	716.9	367.9	721.0	2 494.6	3 718.4	5 880	7 391	6 308	3 947.8	3 797.0	4 315.9	804.2	TOTAL
MEAN	23.1	13.1	23.3	83.2	120	196	238	203	132	122	144	25.9	MEAN
MAX	46.5	17.0	55.0	161	194	353	333	280	172	803	901	56.0	MAX
MIN	13.7	11.5	13.1	51.5	62.2	103	151	105	84.0	31.3	29.7	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 111
MAXIMUM DAILY, 901E ON NOV 11
MINIMUM DAILY, 11.5B ON FEB 18
MAXIMUM INSTANTANEOUS,
1 100E AT 20:58 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 10 N
LONG 123 26 10 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 900	JUL	639 000
FEB	31 800	AUG	545 000
MAR	62 300	SEP	341 000
APR	216 000	OCT	328 000
MAY	321 000	NOV	373 000
JUN	508 000	DEC	69 500

TOTAL DISCHARGE, 3 500 000 dam³

ELK RIVER AT FERNIE - STATION NO. 08NK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.1 B	7.80B	13.4B	29.1	57.8	319	176	74.3	34.5	22.9	26.4	29.3	1
2	15.9 B	8.94B	13.6B	35.3	56.7	280	170	73.1	34.0	23.0	25.2	29.0	2
3	15.3 B	10.5 B	14.2B	42.6	56.4	244	161	69.8	32.5	22.6	23.9	28.0	3
4	14.9 B	12.3 B	15.0B	45.4	60.1	233	146	64.6	32.6	25.7	22.9	27.1	4
5	14.4 B	14.1 B	15.8B	41.8	73.3	222	132	61.9	31.3	43.7	22.7	25.0	5
6	14.9 B	13.6 B	16.2B	39.7	108	204	123	58.7	30.6	37.0	22.0	25.3	6
7	16.8 B	13.2 B	17.1B	39.5	125	201	122	57.2	29.7	32.7	21.6	25.2	7
8	19.0	13.0 B	16.8B	40.2	116	198	120	56.5	29.4	30.7	22.4	25.5	8
9	19.5	13.1 B	15.8B	38.5	99.9	185	114	54.7	29.7	29.4	24.7	29.9	9
10	22.9	13.3 B	15.6B	35.3	89.8	198	113	52.3	28.8	28.3	46.4	32.5	10
11	21.8	13.5 B	15.8B	34.3	83.0	221	111	51.3	28.5	27.5	62.9	31.2	11
12	20.7	13.0 B	16.3B	33.6	80.3	215	108	51.2	27.6	27.6	52.5	27.6	12
13	16.3 B	11.5 B	16.7B	33.8	79.7	189	107	50.9	27.3	26.9	46.1	24.6	13
14	16.5 B	10.0 B	16.5	33.4	78.4	169	104	48.8	26.8	25.9	44.8	21.2B	14
15	17.5 B	8.20B	16.0	35.2	76.4	158	97.7	47.6	26.5	25.1	41.0	21.6B	15
16	19.0	7.36B	16.4	37.9	74.5	161	89.7	46.9	25.7	24.7	38.0	20.8B	16
17	19.3	7.22B	17.1	40.5	74.0	174	84.5	45.9	25.3	23.9	36.7	19.9B	17
18	16.0 B	7.58B	17.2	44.2	76.9	193	80.5	44.3	25.1	24.3	33.6	16.5B	18
19	13.0 B	8.00B	17.7	51.5	79.8	206	77.7	43.5	25.9	24.2	32.0	13.2B	19
20	12.0 B	8.70B	18.6	64.0	82.0	216	73.1	43.9	24.6	23.5	31.8	12.0B	20
21	12.3 B	9.80B	20.1	75.4	82.8	216	67.3	42.7	25.1	22.4	30.4	11.8B	21
22	13.0 B	11.0 B	19.3	86.0	82.9	216	64.1	41.6	24.7	22.6	30.8	12.1B	22
23	13.7 B	12.0 B	18.6	91.5	91.8	226	62.1	42.1	24.0	21.8	30.8	12.5B	23
24	12.8 B	13.0 B	18.1	91.5	119	239	62.2	42.4	23.4	21.3	30.5	13.2B	24
25	12.4 B	13.4 B	17.8	87.2	174	242	76.3	43.2	23.4	21.1	43.3	13.8B	25
26	12.3 B	13.7 B	18.0	81.4	195	240	109	42.3	22.9	21.7	36.9	14.2B	26
27	11.7 B	13.6 B	18.1	76.5	195	225	108	40.0	23.1	22.7	33.7	14.2B	27
28	11.0 B	13.5 B	18.8	71.9	201	205	98.1	36.6	23.2	23.1	32.8	13.4B	28
29	11.5 B		19.8	65.6	243	184	88.4	35.6	22.9	22.5	31.4	12.8B	29
30	10.5 B		21.5	60.9	309	173	80.9	35.2	23.0	23.3	30.5	14.0B	30
31	8.20B		24.2		330		75.3	34.4		26.4		15.5B	31
TOTAL	471.20	314.90	536.1	1 583.7	3 651.5	6 352	3 201.9	1 533.2	812.1	798.5	1 034.7	632.9	TOTAL
MEAN	15.2	11.2	17.3	52.8	118	212	103	49.5	27.1	25.8	34.5	20.4	MEAN
MAX	22.9	14.1	24.2	91.5	330	319	176	74.3	34.5	43.7	62.9	32.5	MAX
MIN	8.20	7.22	13.4	29.1	56.4	158	62.1	34.4	22.9	21.1	21.6	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.3
MAXIMUM DAILY, 330 ON MAY 31
MINIMUM DAILY, 7.22B ON FEB 17
MAXIMUM INSTANTANEOUS,
344 AT 13:09 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 36 N
LONG 115 04 17 W
DRAINAGE AREA, 3 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 700	JUL	277 000
FEB	27 200	AUG	132 000
MAR	46 300	SEP	70 200
APR	137 000	OCT	69 000
MAY	315 000	NOV	89 400
JUN	549 000	DEC	54 700

TOTAL DISCHARGE, 1 810 000 dam³

ELK RIVER AT PHILLIPS BRIDGE - STATION NO. 08NK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.9	10.6	19.8	58.5	97.4	544	255	93.9	41.3	25.1	46.3	46.6	1
2	25.9	14.1B	20.0	76.8	95.8	468	245	92.5	40.8	25.1	39.5	43.2	2
3	24.0	16.8B	20.3	104	97.0	390	238	90.9	40.2	24.5	35.6	41.4	3
4	23.1	20.2B	20.9	112	110	386	211	84.8	36.7	28.8	34.6	42.4	4
5	22.6	19.2	21.4	97.4	137	362	190	79.3	36.7	51.0	38.9	42.0	5
6	26.0	18.5	21.7	87.3	203	319	178	75.2	36.4	46.6	30.4	39.7	6
7	28.6	18.1	21.8	85.5	224	326	173	71.0	35.6	39.6	25.3	37.7	7
8	30.3	17.8	21.2	88.8	196	313	166	70.3	35.6	36.2	28.7	37.0	8
9	28.8	18.0	22.9	84.1	170	290	160	69.1	35.1	34.6	37.4	45.2	9
10	49.5	18.3	22.3	74.9	152	309	149	65.0	34.6A	38.1	165	61.8	10
11	38.6	21.0B	22.7	69.6	143	349	151	62.3	33.6E	34.4	174	60.5	11
12	37.1	19.8B	22.2	67.3	140	345	147	61.1	33.0E	33.8	117	51.1	12
13	35.6	17.8B	21.7	68.9	141	298	141	60.3	32.3E	32.8	93.8	44.2	13
14	29.1	15.8B	21.8	68.0	141	262	139	59.1	32.0E	31.3	85.9	37.1	14
15	29.0	12.3B	21.3	73.5	137	243	132	56.7	31.4E	30.5	74.1	37.8	15
16	27.3	11.5B	21.3	81.6	131	250	122	56.1	30.3E	30.4	63.5	37.0	16
17	24.1	11.8B	22.3	89.4	130	268	115	55.1	30.0E	30.3	59.9	35.3	17
18	20.8	12.8B	23.7	95.5	138	283	110	54.1	30.3E	28.7	54.7	31.4	18
19	18.9	13.4B	24.8	112	145	302	107	53.5	30.5E	30.6	50.9	26.6	19
20	19.5	14.6B	26.8	141	149	329	101	53.5	29.6E	29.2	49.0	20.7	20
21	19.3	16.0B	32.3	161	152	332	96.1	53.2	29.8E	27.6	45.4	19.0B	21
22	20.4	18.0B	33.3	175	149	327	88.5	51.6	30.8E	28.4	45.5	19.6B	22
23	22.8	19.8B	29.3	184	163	349	85.1	51.1	29.8E	28.3	63.3	20.3B	23
24	23.0	20.8	27.6	181	206	368	84.0	49.6	29.2E	28.7	98.3	21.4B	24
25	19.4	21.0	27.1	168	271	369	96.1	51.6	28.5E	26.3	89.0	21.9B	25
26	19.2	21.0	27.2	151	293	356	136	50.8	28.0E	30.0	70.4	22.0B	26
27	18.4	20.5	27.9	137	290	333	139	48.9	27.7A	31.0	60.0	21.7B	27
28	17.3	19.9	29.6	127	293	304	126	46.2	26.5	30.4	53.3	20.8B	28
29	18.6		31.7	112	342	273	113	43.4	26.2	30.9	51.2	21.0B	29
30	16.0		36.4	104	445	256	104	43.1	25.9	31.2	50.4	22.7B	30
31	12.8		45.9		557		98.4	42.0		46.1		24.2B	31
TOTAL	751.1	479.4	791.2	3 236.1	6 090.2	9 903	4 388.2	1 897.3	970.4	997.1	1 931.3	1 050.3	TOTAL
MEAN	24.2	17.1	25.5	108	196	330	142	61.2	32.3	32.2	64.4	33.9	MEAN
MAX	49.5	21.0	45.9	184	557	544	255	93.9	41.3	51.0	174	61.8	MAX
MIN	12.8	10.6	19.8	58.5	95.8	243	84.0	42.0	25.9	24.5	25.3	19.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.0
MAXIMUM DAILY, 557 ON MAY 31
MINIMUM DAILY, 10.6 ON FEB 01
MAXIMUM INSTANTANEOUS,
601 AT 14:53 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 54 N
LONG 115 06 38 W
DRAINAGE AREA, 4 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 900	JUL	379 000
FEB	41 400	AUG	164 000
MAR	68 400	SEP	83 800
APR	280 000	OCT	86 100
MAY	526 000	NOV	167 000
JUN	856 000	DEC	90 700

TOTAL DISCHARGE, 2 810 000 dam³

ELK RIVER BELOW WEARY CREEK - STATION NO. 08NK027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	0.660B	0.980B	1.20	4.87	38.7	33.5	16.1	7.61	3.81	2.81	1.64B	1
2	1.24 B	0.700B	0.980B	1.35	5.07	33.3	30.8	15.5	7.17	3.80	2.45	1.65B	2
3	1.22 B	0.720B	0.980B	1.50	5.53	29.5	30.5	14.3	6.99	3.59	2.52	1.69B	3
4	1.22 B	0.780B	0.980B	1.50	6.53	28.4	27.1	13.1	6.85	4.49	2.51	1.70B	4
5	1.22 B	0.778B	0.982B	1.53	8.15	25.8	22.7	12.7	6.94	7.47	2.44	1.70B	5
6	1.23 B	0.798B	0.987B	1.58	10.9	22.8	22.4	12.8	6.86	6.71	2.27	1.71B	6
7	1.24 B	0.800B	0.980B	1.64	11.0	22.3	24.5	13.2	6.70	5.84	2.40	1.70B	7
8	1.27 B	0.794B	0.983B	1.65	10.2	21.5	24.2	13.1	6.74	5.22	2.35	1.68B	8
9	1.30 B	0.780B	0.979B	1.62	9.42	21.1	23.4	12.4	6.66	4.79	2.37	1.70B	9
10	1.30 B	0.790B	0.964B	1.59	8.90	23.9	23.9	12.2	6.66	4.70	2.82	1.75B	10
11	1.23 B	0.792B	0.958B	1.66	8.58	30.6	23.6	12.5	6.62	4.33	3.96	1.73B	11
12	1.08 B	0.790B	0.955B	1.76	8.29	37.5	24.0	12.0	6.57	4.11	4.30	1.68B	12
13	0.980B	0.740B	0.953B	1.85	8.10	42.3	25.4	12.0	6.52	3.90	4.04	1.61B	13
14	1.00 B	0.715B	0.958B	1.99	8.09	43.7	24.6	12.1	6.04	3.66	4.16	1.48B	14
15	1.03 B	0.630B	0.970B	2.17	7.84	18.4	22.0	12.1	5.69	3.48	3.56	1.40B	15
16	1.02 B	0.574B	0.990B	2.43	7.56	19.9	19.9	11.6	5.70	3.50	3.24	1.37B	16
17	0.941B	0.600B	1.02 B	2.74	7.67	23.0	18.8	11.0	5.50	3.28	3.12	1.26B	17
18	0.932B	0.640B	1.03 B	3.29	8.08	27.7	17.4	10.9	5.10	3.24	2.82	1.08B	18
19	0.940B	0.680B	1.04 B	4.11	8.38	29.5	16.3	11.1	4.89	3.15	2.63	1.02B	19
20	0.948B	0.736B	1.04 B	5.02	8.47	29.7	14.8	10.4	4.73	2.87	2.70	1.00B	20
21	0.980B	0.760B	1.02 B	5.92	8.78	31.0	13.3	9.90	4.46	2.92	2.61	1.01B	21
22	1.02 B	0.783B	0.990B	6.76	8.87	31.9	12.7	10.1	4.28	2.94	2.75	1.02B	22
23	1.01 B	0.830B	0.960B	7.32	9.82	36.8	13.3	11.9	4.29	2.73	2.68	1.07B	23
24	0.994B	0.858B	0.950B	7.50	12.9	39.1	16.0	11.5	4.45	2.72	2.56	1.10B	24
25	1.00 B	0.863B	0.959B	7.12	24.1	40.1	18.5	9.92	4.70	2.80	2.17	1.14B	25
26	0.998B	0.920B	0.959B	6.59	29.8	39.7	22.0	8.93	4.73	3.01	1.90B	1.14B	26
27	0.890B	0.953B	0.960B	6.13	26.9	37.0	21.2	8.15	4.63	2.74	1.83B	1.12B	27
28	0.892B	0.965B	0.980B	5.55	25.3	32.9	19.5	7.59	4.42	2.92	1.73B	1.08B	28
29	0.880B		1.00 B	5.00	27.4	29.2	17.3	7.19	4.13	2.84	1.73B	1.09B	29
30	0.800B		1.02	4.66	28.2	30.0	16.7	7.44	3.91	2.74	1.72B	1.13B	30
31	0.640B		1.09		46.2		16.7	7.97		2.84		1.20B	31
TOTAL	32.705	21.429	30.597	104.73	434.90	863.3	657.0	351.69	170.64	117.14	80.77	42.65	TOTAL
MEAN	1.06	0.765	0.987	3.49	14.0	28.8	21.2	11.3	5.69	3.78	2.69	1.38	MEAN
MAX	1.30	0.965	1.09	7.50	48.4	40.1	33.5	16.1	7.61	7.47	4.30	1.75	MAX
MIN	0.640	0.574	0.950	1.20	4.87	18.4	12.7	7.19	3.91	2.72	1.72	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.97
MAXIMUM DAILY, 48.2 ON MAY 30
MINIMUM DAILY, 0.574B ON FEB 16
MAXIMUM INSTANTANEOUS,
52.9 AT 17:11 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 57 N
LONG 114 55 19 W
DRAINAGE AREA, 334 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 830	JUL	56 800
FEB	1 850	AUG	30 400
MAR	2 640	SEP	14 700
APR	9 050	OCT	10 100
MAY	37 600	NOV	6 980
JUN	74 600	DEC	3 680

TOTAL DISCHARGE, 251 000 dam³

ELK RIVER NEAR NATAL - STATION NO. 08NK016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.89	4.50B	5.47	8.59	24.2	185	106	51.6	21.1	13.3	11.4	10.6	1
2	6.92	4.37B	5.46	9.54	23.1A	164	103	49.9	20.6	13.2	11.3	10.4	2
3	6.53	4.54B	5.51	10.3	23.0E	146	96.6	46.8	20.2	13.0	10.8	10.5	3
4	6.68	5.00B	5.52	10.7	23.8E	137	90.2	43.6	19.7	13.4	10.4	11.0	4
5	6.71	5.54	5.61	10.8	27.0E	131	81.5	40.5	19.0	16.6	10.3	10.8	5
6	6.80	5.42	5.63	10.9	32.1E	121	75.5	38.5	18.8	17.2	10.2	10.4	6
7	6.95A	5.51	5.60	11.4	52.2E	116	75.8	37.3	18.6	16.8	10.0	10.3	7
8	6.80E	5.44	6.05	11.9	51.0A	111	75.2	36.9	18.3	16.0	9.93	9.83	8
9	6.82E	5.23B	5.87	11.8	47.5	105	72.7	35.7	18.0	15.5	10.4	10.5	9
10	6.58E	5.41	5.68	11.4	44.1	110	71.8	34.6	17.9	15.4	11.7	10.4	10
11	6.35A	5.68	5.84	11.3	41.7	123	70.7	33.8	17.8	15.0	12.9	10.2	11
12	5.90B	5.50B	5.85	11.4	40.7	123	69.4	33.5	17.4	14.7	13.1	9.56	12
13	5.50B	5.16B	5.79	11.5	39.7	109	69.8	32.3	17.2	14.2	13.3	8.16	13
14	5.67B	4.86B	5.69	11.6	39.3	95.8	68.6	31.7	17.1	13.9	13.9	7.50	14
15	6.17	4.68B	5.81	12.0	37.4	88.6	64.5	30.5	17.0	13.5	13.8	7.30B	15
16	6.20	4.33B	5.81	12.6	35.9	88.1	59.9	30.3	16.5	13.4	13.5	7.19B	16
17	5.93	4.00B	5.99	13.3	35.4	92.8	56.1	29.9	16.2	13.4	13.6	7.28B	17
18	4.95B	4.08B	6.00	14.5	36.6	103	53.4	28.3	16.2	13.0	12.9	7.22B	18
19	5.28	4.30B	6.23	16.7	39.1	111	51.5	28.5	15.5	12.6	12.4	6.96B	19
20	5.32	4.60B	6.41	20.0	40.0	116	48.4	28.3	14.9	12.4	12.0	6.78B	20
21	5.46	5.00B	6.60	24.5	41.0	118	44.8	27.0	14.8	12.1	11.7	6.43B	21
22	5.69	5.30B	6.23	29.7	42.2	122	41.1	26.4	14.3	11.9	11.6	6.48B	22
23	5.72	5.38B	5.67	33.0	45.0	127	39.8	27.0	14.0	11.4	11.8	6.70B	23
24	5.55	5.51	5.41	34.3	57.2	134	40.9	28.4	13.8	11.3	12.7	7.07B	24
25	5.74	5.52	5.68	33.9	90.3	136	52.7	27.9	13.6	11.3	12.3	7.41B	25
26	5.65	5.45	5.94	33.4	110	135	73.5	26.5	13.7	11.5	10.5	7.40B	26
27	5.59B	5.38	6.10	31.6	116	129	74.3	24.8	13.8	11.4	9.39	7.00B	27
28	5.42	5.43	6.24	29.9	118	120	67.5	23.4	13.6	11.5	9.18	6.48B	28
29	5.54		6.55	27.5	146	108	60.6	22.5	13.4	11.5	10.2	6.72B	29
30	5.19B		7.06	25.4	180	102	55.3	21.4	13.3	11.4	10.7	7.37B	30
31	4.78B		7.68		193		52.4	21.2		11.7		7.78B	31
TOTAL	185.30	141.12	184.98	545.43	1 870.9	3 607.3	2 063.5	998.4	496.3	413.5	347.50	259.72	TOTAL
MEAN	5.98	5.04	5.97	18.2	60.4	120	66.6	32.2	16.5	13.3	11.6	8.38	MEAN
MAX	6.95	5.68	7.68	34.3	193	185	106	51.6	21.1	17.2	13.9	11.0	MAX
MIN	4.78	4.00	5.41	8.59	23.0	88.1	39.8	21.2	13.3	11.3	9.18	6.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.4
MAXIMUM DAILY, 193 ON MAY 31
MINIMUM DAILY, 4.00B ON FEB 17
MAXIMUM INSTANTANEOUS,
195 AT 08:38 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 58 N
LONG 114 52 06 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 000	JUL	178 000
FEB	12 200	AUG	86 300
MAR	16 000	SEP	42 900
APR	47 100	OCT	35 700
MAY	162 000	NOV	30 000
JUN	312 000	DEC	22 400

TOTAL DISCHARGE, 961 000 dam³

ELLIOTT CREEK ABOVE DIVERSIONS - STATION NO. 08NJ165

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.043E	0.027	0.093	0.020	0.010	0.007	---	---	---	1
2	---	---	---	0.048E	0.027	0.076	0.018	0.010	0.007	---	---	---	2
3	---	---	---	0.050E	0.024	0.062	0.017	0.010	0.007	---	---	---	3
4	---	---	---	0.050	0.023	0.057	0.016	0.010	0.007	---	---	---	4
5	---	---	---	0.047	0.022	0.050	0.016	0.010	0.007	---	---	---	5
6	---	---	---	0.048	0.021	0.047	0.016	0.010	0.007	---	---	---	6
7	---	---	---	0.054	0.021	0.047	0.016	0.010	0.006	---	---	---	7
8	---	---	---	0.061	0.020	0.045	0.015	0.009	0.006	---	---	---	8
9	---	---	---	0.055	0.019	0.043	0.015	0.009	0.006	---	---	---	9
10	---	---	---	0.048	0.018	0.047	0.014	0.009	0.006	---	---	---	10
11	---	---	---	0.041	0.018	0.047	0.014	0.009	0.006	---	---	---	11
12	---	---	---	0.041	0.018	0.045	0.013	0.009	0.006	---	---	---	12
13	---	---	---	0.043	0.019	0.043	0.014	0.009	0.006	---	---	---	13
14	---	---	---	0.044	0.019	0.039	0.014	0.009	0.006	---	---	---	14
15	---	---	---	0.045	0.017	0.037	0.013	0.009	0.006	---	---	---	15
16	---	---	---	0.046	0.016	0.034	0.013	0.008	0.006	---	---	---	16
17	---	---	---	0.046	0.016	0.032	0.012	0.008	0.006	---	---	---	17
18	---	---	---	0.040	0.016	0.030	0.012	0.008	0.006	---	---	---	18
19	---	---	---	0.039	0.015	0.029	0.012	0.008	0.006	---	---	---	19
20	---	---	---	0.037	0.015	0.026	0.012	0.008	0.005	---	---	---	20
21	---	---	---	0.036	0.015	0.025	0.012	0.008	0.005	---	---	---	21
22	---	---	---	0.035	0.016	0.024	0.012	0.008	0.005	---	---	---	22
23	---	---	---	0.034	0.017	0.024	0.012	0.008	0.005	---	---	---	23
24	---	---	---	0.034	0.017	0.022	0.021	0.008	0.005	---	---	---	24
25	---	---	---	0.031	0.017	0.021	0.013	0.008	0.005	---	---	---	25
26	---	---	---	0.029	0.018	0.020	0.012	0.007	0.005	---	---	---	26
27	---	---	---	0.030	0.018	0.020	0.012	0.007	0.005	---	---	---	27
28	---	---	---	0.030	0.019	0.020	0.011	0.007	0.005	---	---	---	28
29	---	---	---	0.029	0.025	0.020	0.011	0.007	0.005	---	---	---	29
30	---		---	0.029	0.030	0.019	0.010	0.007	0.005	---	---	---	30
31	---		---		0.035		0.010	0.007		---		---	31
TOTAL	---	---	---	1.243	0.618	1.144	0.428	0.264	0.175	---	---	---	TOTAL
MEAN	---	---	---	0.041	0.020	0.038	0.014	0.009	0.006	---	---	---	MEAN
MAX	---	---	---	0.061	0.035	0.093	0.021	0.010	0.007	---	---	---	MAX
MIN	---	---	---	0.029	0.015	0.019	0.010	0.007	0.005	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.093 ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 40 38 N
LONG 117 29 06 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	37.0
FEB	---	AUG	22.8
MAR	---	SEP	15.1
APR	107	OCT	---
MAY	53.4	NOV	---
JUN	98.8	DEC	---

ENGLISHMAN RIVER NEAR PARKSVILLE - STATION NO. 08HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.21	13.2	8.33	15.7	6.59	4.85	3.32	0.575	0.606	1.97	36.0	59.8	1
2	6.98	18.3	8.21	16.1	8.46	4.90	3.03	0.561	0.508	2.15	29.2	49.0	2
3	6.65	107	8.13	14.9	9.25	18.1	2.45	0.524	0.456	2.39	27.8	192	3
4	8.70	42.0	9.24	13.3	10.0	16.1	2.11	0.477	0.493	7.04	30.0	259 A	4
5	24.6	39.8	10.7	12.2	11.7	11.8	2.20	0.436	0.547	8.71	28.6	141 E	5
6	44.6	29.6	12.5	11.6	10.6	8.99	2.18	0.397	0.561	6.64	26.3	98.0E	6
7	68.2	21.1	13.7	11.6	7.96	8.24	2.13	0.364	0.591	5.83	27.6	77.5E	7
8	43.1	16.8	12.4	11.9	6.27	7.53	1.94	0.408	0.548	5.44	28.0	90.0E	8
9	37.7	14.1	12.1	11.9	5.46	7.34	1.87	0.402	0.607	5.09	94.2	112 E	9
10	28.7	17.4	20.6	9.34	5.44	10.6	1.62	0.371	0.681	5.60	227	92.2E	10
11	20.6	32.7	16.6	10.1	5.69	12.2	1.59	0.343	0.746	6.10	233	73.1E	11
12	17.3	24.6	12.9	11.8	6.14	9.72	1.56	0.310	0.766	9.11	124	55.5E	12
13	17.0	18.4	10.8	11.1	5.72	8.48	1.44	0.311	0.781	8.86	121	43.8E	13
14	20.1	14.4	12.6	12.5	5.69	7.44	1.17	0.330	0.801	8.02	76.4	37.1E	14
15	18.1	12.7	12.8	12.8	5.35	6.70	1.15	0.339	0.833	7.99	61.6	42.7E	15
16	16.7	10.7	12.1	15.5	5.16	6.21	1.07	0.372	0.990	7.83	67.2	41.8E	16
17	14.7	8.97	15.4	19.0	5.10	5.09	1.02	0.395	1.17	7.73	73.0	38.1E	17
18	12.8	7.60	22.6	16.0	5.39	4.87	0.863	0.404	1.22	11.8	52.5	38.3E	18
19	11.2	6.90	20.2	13.6	5.28	4.74	0.812	0.413	1.26	13.1	43.4	35.0E	19
20	10.3	6.87	19.1	14.4	5.00	4.59	0.770	0.374	1.32	11.5	38.5	29.4E	20
21	9.33	7.03	19.0	12.3	4.84	3.88	0.698	0.341	1.31	17.3	34.4	25.2E	21
22	10.9	6.79	17.7	10.5	8.17	3.71	0.725	0.364	1.28	18.6	57.8	22.8E	22
23	11.7	6.50	15.8	14.4	7.65	3.53	0.665	0.378	1.38	16.6	310	20.3E	23
24	10.9	7.58	13.2	15.4	6.18	3.15	0.617	0.356	1.43	18.5	165	17.7E	24
25	21.6	9.57	11.2	12.5	5.22	2.84	0.583	0.313	1.37	104	81.2	16.8E	25
26	22.3	9.85	10.4	10.5	4.68	2.59	0.587	0.270	1.45	69.3	57.1	15.4E	26
27	18.5	9.44	9.72	9.15	4.65	2.44	0.606	0.273	1.71	46.7	46.3	14.3E	27
28	19.6	8.70	10.1	8.29	4.97	2.51	0.598	0.289	1.72	66.9	44.5	13.2E	28
29	22.8		11.1	7.05	5.05	2.95	0.537	0.316	1.75	55.4	167	12.4E	29
30	18.7		12.4	6.51	4.89	3.39	0.448	0.267	1.84	65.8	86.6	12.2E	30
31	15.1		14.2		4.65		0.498	0.465		47.6		11.9E	31
TOTAL	616.67	528.60	415.83	370.24	196.70	199.48	40.857	11.651	30.727	669.60	2 492.2	1 787.5	TOTAL
MEAN	19.9	18.9	13.4	12.3	6.35	6.65	1.32	0.376	1.02	21.6	83.1	57.7	MEAN
MAX	68.2	107	22.6	19.0	11.7	18.1	3.32	0.575	1.84	104	310	259	MAX
MIN	6.65	6.50	8.13	6.51	4.65	2.44	0.448	0.216	0.456	1.97	26.3	11.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.2
MAXIMUM DAILY, 310 ON NOV 23
MINIMUM DAILY, 0.216 ON AUG 29
MAXIMUM INSTANTANEOUS,
454 AT 19:00 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 00 N
LONG 124 16 58 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 300	JUL	3 530
FEB	45 700	AUG	1 010
MAR	35 900	SEP	2 650
APR	32 000	OCT	57 900
MAY	17 000	NOV	215 000
JUN	17 200	DEC	154 000

TOTAL DISCHARGE, 635 000 dam³

EXCHAMSIKS RIVER NEAR TERRACE - STATION NO. 08EG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.2	6.85B	10.6 B	27.9	40.5	83.5	112	62.4	50.3	63.4	20.5	8.60B	1
2	23.7	6.55B	11.0 B	28.4	47.9	84.6	79.4	45.9	35.4	72.0	18.2	8.30B	2
3	21.6	6.45B	11.7	29.1	67.0	130	74.0	65.7	29.4	38.8	33.3	8.10B	3
4	18.9	6.50B	12.8	27.5	81.5	91.2	79.3	73.4	31.0	26.5	50.0	11.0 B	4
5	27.5	6.60B	14.2	25.4	88.7	70.4	91.1	70.0	40.9	20.6	31.4	14.7 B	5
6	35.6	6.80B	17.1	24.6	86.0	63.5	98.4	79.6	33.1	18.9	24.4	20.0 B	6
7	30.1	7.05B	14.6	24.9	67.0	70.0	95.1	81.6	33.1	70.8	45.7	28.0 B	7
8	35.5	7.10B	12.3	25.7	58.6	68.9	87.2	69.2	32.1	241	31.1	30.5 B	8
9	30.8	7.10B	11.4	25.7	60.8	69.0	80.3	92.4	25.3	95.9	23.1	30.0 B	9
10	23.2	7.05B	10.8	20.7	64.8	71.8	152	86.1	23.4	47.2	19.4	28.0 B	10
11	19.0	7.00B	9.18	19.8	69.4	79.0	101	97.3	21.4	37.9	16.9	24.0 B	11
12	16.6	6.80B	8.66	21.1	68.1	73.2	81.7	106	23.1	81.7	58.1	18.2 B	12
13	14.9	6.60B	9.10	26.6	61.8	78.7	68.5	113	23.0	63.1	51.5	16.0 B	13
14	13.5	6.45B	11.1	35.4	68.0	96.4	59.6	74.7	24.8	42.7	30.8	14.8 B	14
15	13.0 B	6.30B	12.0	41.7	72.8	94.1	62.8	63.4	30.7	33.9	30.6	13.5 B	15
16	12.6 B	6.25B	19.1	49.1	62.7	75.0	62.7	59.1	27.8	30.9	36.4	12.0 B	16
17	12.2 B	6.20B	19.9	61.6	59.2	64.4	50.4	56.1	21.2	29.0	25.4	11.0 B	17
18	11.9 B	6.25B	20.9	57.4	59.2	58.7	51.3	55.4	34.6	33.7	24.9	10.4 B	18
19	11.5 B	6.35B	28.2	54.0	59.2	70.7	66.9	53.9	25.9	27.1	23.6	9.80B	19
20	11.0 B	6.55B	35.9	53.8	62.6	88.0	75.3	60.7	32.6	25.6	18.5	9.40B	20
21	10.8 B	6.70B	33.7	50.6	91.6	182	81.1	61.7	45.3	46.1	16.2	9.10B	21
22	10.2 B	6.95B	26.4	45.6	65.6	131	86.1	48.1	39.1	40.7	15.5	8.90B	22
23	9.45B	7.20B	19.7	43.7	54.2	99.7	88.2	37.6	46.4	68.3	13.4	9.00B	23
24	9.05B	7.80B	16.1	40.0	53.6	70.5	88.5	35.0	62.3	175	12.2	9.40B	24
25	8.55B	8.25B	14.3	36.4	60.0	62.0	87.3	29.9	63.7	64.8	11.7 B	11.0 B	25
26	8.45B	8.75B	13.3	41.5	69.1	74.7	71.8	28.9	32.1	43.6	11.1 B	12.2 B	26
27	8.15B	9.44B	13.7	40.8	90.1	67.5	54.1	28.7	23.8	58.0	10.7 B	11.8 B	27
28	8.05B	9.90B	17.9	37.9	125	77.1	55.6	30.4	128	34.7	10.2 B	10.6 B	28
29	7.80B		24.2	37.5	111	77.6	67.5	37.5	79.0	27.8	9.60B	10.4 B	29
30	7.55B		31.7	40.6	92.1	101	83.6	95.6	59.3	25.7	9.10B	10.4 B	30
31	7.20B		28.9		91.1		84.8	86.5		25.1		10.3 B	31
TOTAL	509.55	197.79	540.34	1 092.0	2 211.2	2 524.2	2 477.6	1 983.8	1 178.1	1 710.5	733.50	439.40	TOTAL
MEAN	16.4	7.06	17.4	36.4	71.3	84.1	79.9	64.0	39.3	55.2	24.5	14.2	MEAN
MAX	35.6	9.90	35.9	61.6	125	182	152	113	128	241	58.1	30.5	MAX
MIN	7.20	6.20	8.66	19.8	40.5	58.7	50.4	28.7	21.2	18.9	9.10	8.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.7
MAXIMUM DAILY, 241 ON OCT 08
MINIMUM DAILY, 6.20B ON FEB 17
MAXIMUM INSTANTANEOUS,
332 AT 18:58 PST ON OCT 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 47 N
LONG 129 18 41 W
DRAINAGE AREA, 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 000	JUL	214 000
FEB	17 100	AUG	171 000
MAR	46 700	SEP	102 000
APR	94 300	OCT	148 000
MAY	191 000	NOV	63 400
JUN	218 000	DEC	38 000

TOTAL DISCHARGE, 1 350 000 dam³

FAIRLESS CREEK BELOW BORIN CREEK - STATION NO. 08MD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058B	0.049B	0.060B	0.200E	1.37	---	---	---	---	---	---	---	1
2	0.057B	0.048B	0.062B	0.300E	2.39	---	---	---	---	---	---	---	2
3	0.056B	0.049B	0.062B	0.320E	2.04	---	---	---	---	---	---	---	3
4	0.056B	0.050B	0.062B	0.300E	1.90	---	---	---	---	---	---	---	4
5	0.057b	0.051B	0.062B	0.280E	1.97	---	---	---	---	---	---	---	5
6	0.058B	0.052B	0.062B	0.300E	1.80	---	---	---	---	---	---	---	6
7	0.059B	0.052B	0.063B	0.400E	1.44	---	---	---	---	---	---	---	7
8	0.059B	0.052B	0.063B	0.500E	1.21	---	---	---	---	---	---	---	8
9	0.058B	0.052B	0.062B	0.400E	1.24	---	---	---	---	---	---	---	9
10	0.057B	0.052B	0.062B	0.300E	1.73	---	---	---	---	---	---	---	10
11	0.056B	0.052B	0.062B	0.280E	1.84	---	---	---	---	---	---	---	11
12	0.056B	0.052B	0.062B	0.280E	1.76	---	---	---	---	---	---	---	12
13	0.056B	0.051B	0.062B	0.300E	1.51	---	---	---	---	---	---	---	13
14	0.056B	0.050B	0.063B	0.400E	1.35	---	---	---	---	---	---	---	14
15	0.055B	0.049B	0.066B	0.500E	1.26	---	---	---	---	---	---	---	15
16	0.054B	0.048B	0.068B	0.650E	1.29	---	---	---	---	---	---	---	16
17	0.054B	0.047B	0.072B	0.800E	1.52	---	---	---	---	---	---	---	17
18	0.053B	0.050B	0.080B	1.00 E	1.68	---	---	---	---	---	---	---	18
19	0.053B	0.054B	0.088B	1.20 E	1.68	1.27A	---	---	---	---	---	---	19
20	0.054B	0.056B	0.080B	1.30 E	1.62	---	---	---	---	---	---	---	20
21	0.055B	0.058B	0.074B	1.40 E	1.48	---	---	---	---	---	---	---	21
22	0.056B	0.060B	0.076B	1.30 E	1.35	---	---	---	---	---	---	---	22
23	0.056B	0.058B	0.078B	1.10 E	1.28	---	---	---	---	---	---	---	23
24	0.055B	0.057B	0.080B	0.900E	1.62	---	---	---	---	---	---	---	24
25	0.054B	0.056B	0.082B	0.800E	2.41	---	---	---	---	---	---	---	25
26	0.053B	0.055B	0.086B	0.684A	2.36	---	---	---	---	---	---	---	26
27	0.053B	0.055B	0.088B	0.538	2.25	---	---	---	---	---	---	---	27
28	0.053B	0.056B	0.090B	0.448	2.31	---	---	---	---	---	---	---	28
29	0.052B		0.092B	0.433	2.27	---	---	---	---	---	---	---	29
30	0.051B		0.096B	0.479	2.14A	---	---	---	---	---	---	---	30
31	0.050B		0.110B		---		---	---		---		---	31
TOTAL	1.710	1.471	2.275	18.092	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.055	0.053	0.073	0.603	---	---	---	---	---	---	---	---	MEAN
MAX	0.059	0.060	0.110	1.40	---	---	---	---	---	---	---	---	MAX
MIN	0.050	0.047	0.060	0.200	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 08 N
LONG 122 36 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148	JUL	---
FEB	127	AUG	---
MAR	197	SEP	---
APR	1 560	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

FANTAIL LAKE NEAR ATLIN - STATION NO. 09AA016

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.571	1.609	1.642	1.785	1.361	1.292	---	---	1
2	---	---	---	---	0.589	1.717	1.690	1.710	1.292	1.211	---	---	2
3	---	---	---	---	0.606	1.696	1.687	1.630	1.242	1.146	---	---	3
4	---	---	---	---	0.626	1.701	1.671	1.622	1.269	1.090	---	---	4
5	---	---	---	---	0.651	1.709	1.678	1.659	1.346	1.029	---	---	5
6	---	---	0.319A	---	0.666	1.687	1.679	1.648	1.403	0.993	---	---	6
7	---	---	---	---	0.674	1.665	1.706	1.605	1.436	0.957	---	---	7
8	0.467A	---	---	---	0.692	1.624	1.719	1.565	1.389	0.950	---	---	8
9	0.453A	---	---	---	0.718	1.609	1.692	1.562	1.329	0.968	---	---	9
10	---	---	---	---	0.769	1.586	1.657	1.666	1.316	0.953	---	---	10
11	---	---	---	---	0.836	1.561	1.665	1.789	1.317	0.935	---	---	11
12	---	---	---	---	0.903	1.543	1.646	1.844	1.325	0.920	---	---	12
13	---	---	---	---	0.966	1.550	1.567	1.857	1.329	0.898	---	---	13
14	---	---	---	---	1.029	1.617	1.497	1.858	1.371	0.870	---	---	14
15	---	---	---	---	1.082	1.635	1.454	1.808	1.478	0.845	---	---	15
16	---	---	---	---	1.127	1.597	1.426	1.764	1.499	---	---	---	16
17	---	---	---	---	1.164	1.542	1.414	1.756	1.409	---	---	---	17
18	---	---	---	---	1.196	1.493	1.488	1.742	1.315	---	---	---	18
19	---	---	---	---	1.203	1.477	1.558	1.737	1.231	---	---	---	19
20	---	---	---	---	1.213	1.454	1.612	1.843	1.182	---	---	---	20
21	---	---	---	---	1.218	1.454	1.654	1.812	1.245	---	---	---	21
22	---	---	---	---	1.241	1.476	1.680	1.705	1.505	---	---	---	22
23	---	---	---	---	1.237	1.487	1.685	1.617	1.894	---	---	---	23
24	---	---	---	---	1.194	1.454	1.692	1.545	2.145	---	---	---	24
25	---	---	---	---	1.166	1.422	1.702	1.482	2.064	---	---	---	25
26	---	---	---	---	1.145	1.420	1.676	1.447	1.794	---	---	---	26
27	---	---	---	---	1.177	1.445	1.613	1.477	1.576	---	---	---	27
28	---	---	---	---	1.255	1.472	1.554	1.558	1.454	---	---	---	28
29	---		---	---	1.321	1.525	1.588	1.617	1.408	---	---	---	29
30	---		---	0.552A	1.360	1.597	1.711	1.549	1.360	---	---	---	30
31	---		---		1.416		1.813	1.457		---		---	31
MEAN	---	---	---	---	1.000	1.561	1.630	1.668	1.443	---	---	---	MEAN
MAX	---	---	---	---	1.416	1.717	1.813	1.858	2.145	---	---	---	MAX
MIN	---	---	---	---	0.571	1.420	1.414	1.447	1.182	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.145 ON SEP 24

MAXIMUM INSTANTANEOUS,
2.182 AT 18:20 PST ON SEP 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 40 N
LONG 134 23 26 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

FANTAIL RIVER AT OUTLET OF FANTAIL LAKE - STATION NO. 09AA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.79B	2.40B	1.50B	1.36B	5.24	67.5	71.0	87.8	43.2	37.6	7.08B	3.52B	1
2	3.76B	2.35B	1.48B	1.36B	5.58	79.5	76.3	78.8	37.5	31.7	6.89B	3.46B	2
3	3.73B	2.30B	1.47B	1.36B	5.97	77.1	76.0	69.7	33.9	27.5	6.69B	3.41B	3
4	3.70B	2.26B	1.45B	1.36B	6.49	77.6	74.2	58.7	35.8	24.3	6.50B	3.35B	4
5	3.68B	2.21B	1.44B	1.35B	7.17	78.6	75.1	73.0	41.9	21.1	6.30B	3.29B	5
6	3.65B	2.17B	1.42B	1.35B	7.57	76.0	75.1	71.7	46.8	19.3	6.16B	3.23B	6
7	3.62B	2.13B	1.42B	1.35B	7.79	73.6	78.2	66.9	50.0	17.7	6.02B	3.17B	7
8	3.59B	2.09B	1.42B	1.34B	8.30	69.0	79.8	62.7	45.6	17.5	5.87B	3.11B	8
9	3.56B	2.05B	1.42B	1.34B	9.05	67.3	76.6	62.4	40.5	18.2	5.73B	3.05B	9
10	3.53B	2.01B	1.41B	1.34B	10.6	64.8	72.7	73.7	39.5	17.6	5.59B	2.99B	10
11	3.49B	1.97B	1.41B	1.34B	12.9	62.3	73.6	88.3	39.5	16.8	5.47B	2.94B	11
12	3.46B	1.94B	1.41B	1.33B	15.5	60.4	71.4	95.1	40.2	16.1	5.35B	2.90B	12
13	3.43B	1.90B	1.41B	1.35B	16.1	62.0	62.9	96.7	40.6	15.2	5.23B	2.85B	13
14	3.39B	1.87B	1.40B	1.38B	21.1	68.3	55.8	96.7	44.1	14.5	5.11B	2.81B	14
15	3.36B	1.83B	1.40B	1.42B	23.9	70.3	51.6	90.6	53.9	13.3	4.99B	2.76B	15
16	3.32B	1.80B	1.40B	1.47B	26.4	66.1	49.0	85.3	56.0	12.8 E	4.88B	2.71B	16
17	3.29B	1.77B	1.40B	1.53B	28.7	60.3	47.8	84.2	47.4	12.3 E	4.76B	2.66B	17
18	3.26B	1.74B	1.40B	1.62B	30.6	55.4	54.9	82.6	39.4	11.8 E	4.65B	2.62B	18
19	3.22B	1.71B	1.39B	1.73B	31.0	53.8	61.9	81.9	33.1	11.3 E	4.53B	2.57B	19
20	3.19B	1.68B	1.39B	1.87B	31.8	51.7	67.7	95.0	29.7	10.8 E	4.42B	2.52B	20
21	3.11B	1.65B	1.39B	2.10B	32.1	51.6	72.3	91.2	34.1	10.4 E	4.33B	2.49B	21
22	3.03B	1.62B	1.39B	2.35B	33.0	53.7	75.3	78.5	57.0	10.0 E	4.24B	2.45B	22
23	2.94B	1.60B	1.39B	2.60B	33.5	54.8	75.9	68.3	102	9.67E	4.16B	2.42B	23
24	2.86B	1.58B	1.38B	2.95B	30.4	51.6	76.6	60.7	137	9.30E	4.07B	2.38B	24
25	2.78B	1.56B	1.38B	3.21B	28.8	48.6	77.7	54.3	125	8.92E	3.98B	2.35B	25
26	2.72B	1.54B	1.38B	3.47E	27.5	48.4	74.8	51.0	89.1	8.65B	3.90B	2.32B	26
27	2.66B	1.53B	1.37B	3.80E	29.4	50.8	67.9	53.8	64.0	8.37B	3.82B	2.29B	27
28	2.61B	1.51B	1.37B	4.08E	34.8	53.4	61.5	62.0	51.7	8.10B	3.74B	2.27B	28
29	2.55B		1.37B	4.43E	39.8	58.3	65.2	68.2	47.3	7.83B	3.66B	2.24B	29
30	2.49B		1.37B	4.86A	43.1	66.1	79.0	61.1	43.1	7.55B	3.58B	2.21B	30
31	2.44B		1.36B		48.0		91.3	51.9		7.28B		2.18B	31
TOTAL	100.21	52.77	43.59	62.40	694.96	1 878.9	2 169.1	2 312.6	1 588.9	463.17	151.70	85.52	TOTAL
MEAN	3.23	1.88	1.41	2.08	22.4	62.6	70.0	74.6	53.0	14.9	5.06	2.76	MEAN
MAX	3.79	2.40	1.50	4.86	48.0	79.5	91.3	96.7	137	37.6	7.08	3.52	MAX
MIN	2.44	1.51	1.36	1.33	5.24	48.4	47.8	51.0	29.7	7.28	3.58	2.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.3
MAXIMUM DAILY, 137 ON SEP 24
MINIMUM DAILY, 1.33B ON APR 12
MAXIMUM INSTANTANEOUS,
142 AT 18:20 PST ON SEP 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 40 N
LONG 134 23 26 W
DRAINAGE AREA, 717 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 660	JUL	187 000
FEB	4 560	AUG	200 000
MAR	3 770	SEP	137 000
APR	5 390	OCT	40 000
MAY	60 000	NOV	13 100
JUN	162 000	DEC	7 390

TOTAL DISCHARGE, 829 000 dam³

FELL CREEK NEAR NELSON - STATION NO. 08NJ129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.027E	0.022	0.018	0.062	0.120	0.398	0.137	0.041	0.027	0.012	0.020	0.025	1
2	0.026E	0.022	0.018E	0.084	0.120	0.342	0.127	0.038	0.024	0.015	0.012	0.024	2
3	0.027E	0.022	0.018E	0.103	0.120	0.328	0.130	0.037	0.023	0.014	0.016	0.024	3
4	0.026	0.022	0.019	0.105	0.135	0.343	0.125	0.037	0.022	0.028	0.016	0.024	4
5	0.027E	0.022	0.019	0.105	0.163	0.308	0.112	0.036	0.020	0.025	0.016	0.023	5
6	0.027E	0.021	0.020	0.108	0.232	0.285	0.112	0.034E	0.020	0.016	0.014	0.023	6
7	0.028E	0.021	0.020	0.112	0.199	0.352	0.112	0.032	0.018	0.014	0.014	0.022	7
8	0.028	0.021	0.023	0.122	0.174	0.285	0.112	0.031	0.018	0.014	0.015	0.022	8
9	0.029	0.021	0.022	0.127	0.158	0.269	0.103	0.030	0.017	0.014	0.020	0.022	9
10	0.031	0.021	0.022	0.120	0.158	0.405	0.097	0.029	0.016	0.017	0.062	0.023	10
11	0.025	0.024	0.021	0.112	0.155	0.380	0.092	0.029	0.016	0.014	0.052	0.024	11
12	0.027	0.022	0.021	0.108	0.163	0.373	0.087	0.029	0.016	0.016	0.041	0.023	12
13	0.026	0.021	0.020	0.110	0.161	0.342	0.087	0.026	0.016	0.015	0.037	0.022	13
14	0.025	0.020	0.020	0.110E	0.158	0.311	0.081E	0.025	0.015	0.014	0.043	0.021	14
15	0.025	0.020	0.020	0.110	0.147	0.285	0.075E	0.025	0.015	0.014	0.032	0.021	15
16	0.025	0.020	0.020	0.117	0.147	0.269	0.068	0.025	0.015	0.015	0.029	0.020	16
17	0.025	0.020	0.022	0.127	0.142	0.266	0.064	0.025	0.017	0.013	0.026	0.020	17
18	0.024B	0.019	0.024	0.130	0.152	0.263	0.060	0.024	0.016	0.016	0.020	0.020	18
19	0.023	0.019	0.027	0.147	0.150	0.260	0.058	0.024	0.015	0.015	0.022	0.018	19
20	0.023	0.018	0.033	0.163	0.163	0.253	0.054	0.024	0.014	0.014	0.021	0.018B	20
21	0.023	0.019	0.036	0.185	0.147	0.244	0.050	0.023	0.014	0.015	0.019	0.017	21
22	0.023	0.018	0.033	0.202	0.145	0.238	0.050	0.025	0.014	0.014	0.021	0.016E	22
23	0.023	0.018	0.031	0.202	0.172	0.235	0.050	0.031	0.014	0.014	0.030	0.016E	23
24	0.023	0.018	0.028	0.202	0.174	0.229	0.047	0.029	0.013	0.014	0.054	0.015E	24
25	0.023	0.019	0.028	0.172	0.253	0.220	0.076	0.024	0.013	0.016	0.050	0.015E	25
26	0.022	0.019	0.029	0.155	0.232	0.202	0.068	0.030	0.013	0.022	0.030	0.015E	26
27	0.022	0.018	0.030	0.147	0.220	0.191	0.076	0.025	0.012	0.017	0.031	0.014E	27
28	0.022	0.018	0.031	0.140	0.235	0.152	0.056	0.023	0.012	0.019	0.029	0.014E	28
29	0.023		0.032	0.136	0.263	0.163	0.052	0.022	0.012	0.019	0.029	0.014E	29
30	0.023		0.036	0.127	0.325	0.155	0.048	0.034		0.018	0.026	0.013E	30
31	0.023		0.044		0.315		0.043	0.031		0.024		0.013E	31
TOTAL	0.774	0.565	0.784	3.949	5.598	8.346	2.509	0.898	0.489	0.507	0.847	0.600	TOTAL
MEAN	0.025	0.020	0.025	0.132	0.181	0.278	0.081	0.029	0.016	0.016	0.028	0.019	MEAN
MAX	0.031	0.024	0.044	0.202	0.325	0.405	0.137	0.041	0.027	0.028	0.062	0.025	MAX
MIN	0.022	0.018	0.018	0.062	0.120	0.152	0.043	0.022	0.012	0.012	0.012	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.405 ON JUN 10
MINIMUM DAILY, 0.012 ON SEP 27

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 12 N
LONG 117 15 37 W
DRAINAGE AREA, 4.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66.9	JUL	217
FEB	48.8	AUG	77.6
MAR	67.7	SEP	42.2
APR	341	OCT	43.8
MAY	484	NOV	73.2
JUN	721	DEC	51.8

TOTAL DISCHARGE, 2 240 dam³

FIFTYNINE CREEK NEAR CLINTON - STATION NO. 08LF080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.029B	0.025B	0.028B	0.038	0.033	0.044	0.022	0.035	0.045	0.071	0.051	0.052E	1
2	0.030B	0.026B	0.028B	0.038	0.035	0.056	0.038	0.037	0.043	0.070	0.051	0.052E	2
3	0.030B	0.027B	0.028B	0.039	0.028	0.056	0.038	0.041	0.044	0.076	0.057	0.052E	3
4	0.032B	0.027B	0.029B	0.035	0.031	0.049	0.030	0.042	0.049	0.080	0.063	0.051E	4
5	0.032B	0.027B	0.030B	0.033	0.023	0.050	0.034	0.046	0.047	0.092	0.055	0.051A	5
6	0.032B	0.027B	0.030B	0.033	0.019	0.035	0.136	0.040	0.046	0.084	0.054	0.051	6
7	0.033B	0.027B	0.030B	0.033	0.024	0.037	0.070	0.034	0.045	0.064	0.052	0.050	7
8	0.032B	0.027B	0.029B	0.032	0.030	0.041	0.044	0.048	0.045	0.052	0.051	0.051	8
9	0.031B	0.028B	0.029B	0.034	0.033	0.051	0.034	0.036	0.046	0.056	0.052	0.051	9
10	0.030B	0.028B	0.029B	0.031	0.042	0.051	0.029	0.026	0.051	0.062	0.054	0.052	10
11	0.030B	0.028B	0.029B	0.031	0.034	0.054	0.029	0.044	0.056	0.064	0.053	0.051	11
12	0.031B	0.027B	0.029B	0.036	0.036	0.050	0.026	0.010	0.054	0.065	0.056	0.050A	12
13	0.031B	0.026B	0.029B	0.034	0.028	0.046	0.030	0.039	0.055	0.065	0.057	0.050E	13
14	0.030B	0.025B	0.029B	0.035	0.042	0.027	0.026	0.043	0.055	0.065	0.052	0.050E	14
15	0.029B	0.024B	0.030B	0.032	0.029	0.026	0.034	0.041	0.058	0.068	0.052	0.049E	15
16	0.028B	0.023B	0.033	0.029	0.031	0.023	0.033	0.041	0.077	0.070	0.052	0.049E	16
17	0.028B	0.024B	0.039	0.030	0.042	0.039	0.029	0.047	0.068	0.071	0.054	0.048E	17
18	0.028B	0.025B	0.043	0.035	0.038	0.020	0.042	0.052	0.067	0.070	0.052	0.048E	18
19	0.028B	0.027B	0.041	0.032	0.034	0.029	0.034	0.048	0.065	0.069	0.050	0.047E	19
20	0.029B	0.028B	0.043	0.031	0.039	0.041	0.029	0.031	0.063	0.067	0.052	0.047E	20
21	0.029B	0.029B	0.042	0.031	0.036	0.031	0.031	0.046	0.063	0.070	0.054E	0.048E	21
22	0.029B	0.029B	0.039	0.031	0.038	0.028	0.037	0.046	0.064	0.070	0.055E	0.049E	22
23	0.029B	0.029B	0.037	0.030	0.036	0.055	0.032	0.047	0.063	0.067	0.054E	0.051E	23
24	0.028B	0.029B	0.038	0.043	0.039	0.021	0.051	0.051	0.065	0.073	0.054E	0.054E	24
25	0.028B	0.030B	0.037	0.037	0.039	0.013	0.038	0.043	0.066	0.071	0.053E	0.059E	25
26	0.028B	0.029B	0.037	0.031	0.040	0.014	0.040	0.042	0.068	0.073	0.052E	0.058E	26
27	0.027B	0.029B	0.038	0.038	0.046	0.024	0.034	0.038	0.066	0.068	0.052E	0.057E	27
28	0.027B	0.029B	0.039	0.035	0.042	0.026	0.033	0.052	0.071	0.059	0.053E	0.056E	28
29	0.026B		0.038	0.031	0.048	0.029	0.034	0.045	0.069	0.052	0.054E	0.056E	29
30	0.025B		0.038	0.029	0.044	0.026	0.037	0.042	0.078	0.053	0.053E	0.055E	30
31	0.024B		0.040		0.052		0.033	0.050		0.052		0.055E	31
TOTAL	0.903	0.759	1.058	1.009	1.111	1.092	1.187	1.283	1.752	2.089	1.604	1.600	TOTAL
MEAN	0.029	0.027	0.034	0.034	0.036	0.036	0.038	0.041	0.058	0.067	0.054	0.052	MEAN
MAX	0.033	0.030	0.043	0.043	0.052	0.056	0.136	0.052	0.078	0.092	0.063	0.059	MAX
MIN	0.024	0.023	0.028	0.029	0.019	0.013	0.022	0.010	0.043	0.052	0.050	0.047	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.042
MAXIMUM DAILY, 0.136 ON JUL 06
MINIMUM DAILY, 0.010 ON AUG 12
MAXIMUM INSTANTANEOUS
0.345 AT 13:25 PST ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 30 N
LONG 121 40 52 W
DRAINAGE AREA, 36.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78.0	JUL	103
FEB	65.6	AUG	111
MAR	91.4	SEP	151
APR	87.2	OCT	180
MAY	96.0	NOV	139
JUN	94.3	DEC	138

TOTAL DISCHARGE, 1 330 dam³

FINLAY RIVER ABOVE AKIE RIVER - STATION NO. 07EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.5B	44.2B	39.7B	47.5B	88.5	2 180	820	318A	221A	124	85.8B	58.5B	1
2	75.5B	43.9B	39.8B	49.0B	96.5	2 480A	838	308A	225A	123	76.9B	58.2B	2
3	73.5B	44.0B	40.0B	50.0B	106	2 310A	809	296A	214A	121	75.0B	58.5B	3
4	72.5B	44.1B	41.3B	50.5B	119	2 050	757	269A	209A	119	69.6B	60.0B	4
5	71.0B	43.7B	42.1B	50.9B	134	1 960	720	259A	199A	116	70.0B	60.5B	5
6	68.2B	42.5B	42.5B	51.3B	183	1 930	704	259A	195A	113	74.5B	61.0B	6
7	66.2B	41.8B	43.3B	51.6B	245	1 870	690	281A	188A	109	76.5B	60.8B	7
8	65.0B	41.9B	43.8B	52.0B	245	1 770	681	269A	184A	109	77.2B	60.2B	8
9	63.6B	42.2B	44.2B	52.5B	245	1 650	678	253A	180A	110	77.5B	58.5B	9
10	62.2B	42.6B	44.3B	53.8B	258	1 490	655	244A	170A	111	76.5B	56.8B	10
11	61.5B	42.3B	44.2B	55.8B	278	1 370	635	242A	166A	109	74.5B	55.0B	11
12	61.0B	41.8B	44.1B	58.5B	292	1 290	616	246A	163A	107	72.0B	53.5B	12
13	60.6B	40.8B	44.2B	60.2B	298	1 210	592	254A	161A	107	69.5B	52.5B	13
14	60.2B	40.0B	44.2B	61.7B	310	1 210	554	261A	156A	105	67.8B	52.0B	14
15	58.7B	39.0B	44.4B	62.0B	331	1 230	501	268A	156A	101	67.2B	51.5B	15
16	57.7B	38.4B	45.9B	62.5B	366	1 250	481	263A	153A	97.0	67.5B	50.5B	16
17	56.3B	38.2B	47.5B	63.5B	418	1 180	505	257A	152A	93.0B	68.0B	50.0B	17
18	55.9B	38.0B	49.0B	64.2B	474	1 060	488	249A	147A	90.5B	68.5B	49.0B	18
19	54.7B	37.9B	49.6B	65.8B	533	983	457	240A	143A	95.6B	69.0B	48.0B	19
20	54.2B	38.1B	49.6B	67.2B	588	918	432	230A	140A	95.7B	69.5B	47.7B	20
21	54.0B	38.7B	49.4B	71.0B	651	875	410	232A	136A	97.8	68.5B	47.5B	21
22	54.0B	39.7B	47.9B	79.0B	731	889	407	228A	134A	95.7	67.7B	47.5B	22
23	54.2B	40.1B	45.7B	87.0B	832	980	412	229A	136A	93.6	67.0B	47.5B	23
24	54.6B	40.3B	43.7B	93.0B	897	1 010	409	215A	138A	93.9	67.2B	47.3B	24
25	54.6B	40.4B	42.5B	92.6B	878	897	409	199A	141A	93.9	66.7B	46.5B	25
26	54.2B	40.4B	42.2B	89.0B	869	797	403	188A	140A	88.5	65.7B	45.8B	26
27	53.7B	40.3B	42.7B	85.4	932	768	384	179A	134	88.8	63.0B	44.7B	27
28	52.0B	40.0B	43.5B	81.9	1 100	903	358A	171A	129	93.1	61.8B	44.2B	28
29	50.0B		44.2B	81.5	1 280	797	346E	170A	128	91.3	60.5B	43.8B	29
30	47.0B		45.5B	83.6	1 480	800	335E	179A	127	90.0	59.5B	43.2B	30
31	45.0B		46.2B		1 770		322E	193A		89.8B		43.0B	31
TOTAL	1 853.3	1 145.3	1 377.2	1 974.5	17 028.0	40 027	16 808	7 439	4 865	3 172.2	2 100.6	1 603.7	TOTAL
MEAN	59.8	40.9	44.4	65.8	549	1 330	542	240	162	102	70.0	51.7	MEAN
MAX	81.5	44.2	49.6	93.0	1 770	2 480	838	318	225	124	85.8	61.0	MAX
MIN	45.0	37.9	39.7	47.5	88.5	768	322	170	127	88.5	59.5	43.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 272
MAXIMUM DAILY, 2 480A ON JUN 02
MINIMUM DAILY, 37.9B ON FEB 19
MAXIMUM INSTANTANEOUS
2 500 AT 17:56 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 40 N
LONG 125 15 00 W
DRAINAGE AREA, 16 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	160 000	JUL	1 450 000
FEB	99 000	AUG	643 000
MAR	119 000	SEP	420 000
APR	171 000	OCT	274 000
MAY	1 470 000	NOV	181 000
JUN	3 460 000	DEC	139 000

TOTAL DISCHARGE, 8 590 000 dam³

FISHER CREEK AT WEST BOUNDARY D.L. 3599 - STATION NO. 08LD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.223	0.472	0.750	0.169	0.034	0.042	0.004	---	---	1
2	---	---	---	0.386	0.518	0.748	0.211	0.028	0.030	0.005	---	---	2
3	---	---	---	0.410	0.579	0.720	0.254	0.024	0.024	0.005	---	---	3
4	---	---	---	0.351	0.756	0.760	0.197	0.022	0.018	0.010A	---	---	4
5	---	---	---	0.319	1.11	0.702	0.163	0.020	0.015	---	---	---	5
6	---	---	---	0.336	1.28	0.582	0.314	0.017	0.012	---	---	---	6
7	---	---	---	0.376	0.885	0.683	0.253	0.014	0.010	---	---	---	7
8	---	---	---	0.394	0.692	0.590	0.222	0.013	0.010	---	---	---	8
9	---	---	---	0.382	0.658	0.513	0.182	0.012	0.009	---	---	---	9
10	---	---	---	0.336	0.686	0.629	0.155	0.010	0.009	---	---	---	10
11	---	---	---	0.289	0.709	1.23	0.136	0.010	0.008	---	---	---	11
12	---	---	---	0.295	0.633	1.68	0.122	0.009	0.008	---	---	---	12
13	---	---	---	0.299	0.624	1.22	0.111	0.009	0.007	---	---	---	13
14	---	---	---	0.330	0.601	0.960	0.100	0.009	0.007	---	---	---	14
15	---	---	---	0.387	0.605	0.760	0.089	0.008	0.007	---	---	---	15
16	---	---	---	0.459	0.591	0.696	0.077	0.008	0.008	---	---	---	16
17	---	---	---	0.543	0.731	0.620	0.071	0.007	0.009	---	---	---	17
18	---	---	---	0.712	0.830	0.556	0.071	0.007	0.008	---	---	---	18
19	---	---	---	0.886	0.821	0.510	0.071	0.007	0.007	---	---	---	19
20	---	---	---	0.951	0.756	0.442	0.059	0.006	0.006	---	---	---	20
21	---	---	---	1.06	0.773	0.361	0.053	0.008	0.006	---	---	---	21
22	---	---	---	1.03	0.845	0.307	0.047	0.010	0.005	---	---	---	22
23	---	---	---	0.947	0.874	0.278	0.040	0.015	0.005	---	---	---	23
24	---	---	---	1.02	0.878	0.247	0.040	0.014	0.006	---	---	---	24
25	---	---	---	0.979	1.02	0.223	0.045	0.017	0.006	---	---	---	25
26	---	---	---	0.791	0.987	0.199	0.037	0.032	0.005	---	---	---	26
27	---	---	---	0.681	0.906	0.174	0.032	0.020	0.005	---	---	---	27
28	---	---	---	0.563	0.899	0.150	0.028	0.015	0.005	---	---	---	28
29	---	---	0.085A	0.510	1.12	0.143	0.029	0.013	0.004	---	---	---	29
30	---	---	0.136	0.444	1.19	0.160	0.027	0.043	0.004	---	---	---	30
31	---				0.908		0.025	0.068		---	---	---	31
TOTAL	---	---	---	16.693	24.937	17.593	3.430	0.527	0.307	---	---	---	TOTAL
MEAN	---	---	---	0.556	0.804	0.586	0.111	0.017	0.010	---	---	---	MEAN
MAX	---	---	---	1.06	1.26	1.68	0.314	0.068	0.042	---	---	---	MAX
MIN	---	---	---	0.223	0.472	0.143	0.025	0.006	0.004	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.68 ON JUN 12

MAXIMUM INSTANTANEOUS, 2.45 AT 23:48 PST ON JUN 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 32 N
LONG 119 28 04 W
DRAINAGE AREA, 14.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	296
FEB	---	AUG	45.5
MAR	---	SEP	26.5
APR	1 440	OCT	---
MAY	2 150	NOV	---
JUN	1 520	DEC	---

FISHTRAP CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 08MH153

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.643	1.19	0.939	0.596	0.513	0.536	0.213	0.059E	0.198	0.237	0.253	2.12	1
2	0.589	2.08	0.868	0.586	0.516	0.396	0.239	0.058E	0.135	0.237	0.205	1.94	2
3	1.10	2.50	0.853	0.572	0.473	1.42	0.245	0.057E	0.137	0.334	0.487	3.80	3
4	2.02	1.66	0.833	0.556	0.450	1.65	0.205	0.056E	0.144	2.95	0.918	5.12	4
5	1.66	1.35	0.780	0.537	0.504	1.00	0.217	0.056E	0.141	1.13	0.663	2.36	5
6	1.91	1.29	0.904	0.534	0.405	0.763	0.226	0.057E	0.140	0.342	0.355	1.64	6
7	2.95	1.30	2.48	0.522	0.385	1.60	0.289	0.058E	0.149	0.217	1.43	1.39	7
8	1.59	1.28	2.20	0.501	0.372	0.917	0.234	0.055E	0.166	0.186	0.755	3.73	8
9	2.71	5.94	2.91	0.491	0.372	0.867	0.204	0.059E	0.153	0.272	6.33	5.97	9
10	2.12	7.08		0.479	0.372	1.53	0.178	0.061E	0.140	0.390	8.82	3.55	10
11	1.28	6.18	1.52	0.482	0.382	1.22	0.167	0.064E	0.148	0.195	5.67	1.96	11
12	1.08	2.92	1.22	0.464	0.392	0.840	0.162	0.074E	0.146	0.893	4.66	1.64	12
13	1.28	1.88 B	1.10	0.477	0.401	0.729	0.154	0.076E	0.155	0.264	4.08	1.50	13
14	1.10	1.40 B	1.41	0.477	0.432	0.615	0.143	0.084E	0.169	0.181	2.02	1.38	14
15	0.950	1.25 B	1.18	0.455	0.365	0.550	0.123	0.090E	0.164	0.186	1.55	1.45	15
16	0.917	1.18 B	1.04	0.442	0.347	0.490	0.128	0.098	0.314	0.204	1.24	1.41	16
17	0.798	1.10 B	0.980	0.523	0.337	0.469	0.128	0.104	0.338	0.160	1.82	2.41	17
18	0.750	1.08 B	1.28	0.454	0.350	0.437	0.124	0.115	0.178	0.348	1.27	2.31	18
19	0.707	1.15 B	1.03	0.498	0.345	0.416	0.107	0.141	0.146	0.200	1.43	1.32	19
20	0.682	1.96	1.04	0.621	0.328	0.403	0.095	0.120	0.134	0.152	1.67	1.06	20
21	0.821	2.38	0.905	0.496	0.371	0.377	0.094	0.140	0.142	1.08	1.66	0.963	21
22	3.17	1.79	0.828	0.467	0.338	0.362	0.088	0.145	0.137	0.394	2.40	0.890	22
23	1.94	1.62	0.790	0.850	0.312	0.336	0.079	0.147	0.145	0.222	4.16	0.824	23
24	2.23	1.60	0.751	0.623	0.304	0.311	0.078E	0.132	0.160	0.191	6.39	0.779	24
25	2.74	1.36	0.724	1.15	0.300	0.301	0.074E	0.142	0.173	0.234	3.78	0.752	25
26	1.56	1.17	0.710	0.720	0.298	0.288	0.070E	0.175	0.165	0.332	1.94	0.738	26
27	1.47	1.06	0.679	0.653	0.289	0.274	0.067E	0.203	0.164	0.195	1.50	0.991	27
28	1.84	0.990	0.655	0.818	0.289	0.306	0.064E	0.202	0.162	0.294	1.28	0.692	28
29	1.65		0.636	0.598	0.303	0.267	0.062E	0.254	0.164	0.267	1.63	0.611	29
30	1.15		0.619	0.551	0.283	0.233	0.061E	0.319	0.189	0.909	1.39	0.667	30
31	1.49		0.614		0.450		0.060E	0.403		0.424		0.951	31
TOTAL	47.897	54.740	35.468	17.193	11.578	20.903	4.378	3.804	4.996	13.720	69.756	57.918	TOTAL
MEAN	1.55	1.96	1.14	0.573	0.374	0.697	0.141	0.123	0.167	0.443	2.33	1.87	MEAN
MAX	3.17	7.08	2.97	1.15	0.516	2.55	0.289	0.403	0.338	2.95	8.82	5.97	MAX
MIN	0.589	0.990	0.614	0.442	0.283	0.233	0.060	0.055	0.134	0.152	0.205	0.611	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.938
MAXIMUM DAILY, 8.82 ON NOV 10
MINIMUM DAILY, 0.055E ON AUG 08
MAXIMUM INSTANTANEOUS, 9.58 AT 12:59 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 10 N
LONG 122 24 22 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 140	JUL	378
FEB	4 730	AUG	329
MAR	3 060	SEP	432
APR	1 490	OCT	1 190
MAY	1 000	NOV	6 030
JUN	1 810	DEC	5 000

TOTAL DISCHARGE, 29 600 dam³

FISHTRAP CREEK NEAR MCLURE - STATION NO. 08LB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.325	0.246	0.182	0.408	2.92	3.28	1.43	0.622	0.323	0.136	0.145	0.166	1
2	0.324	0.292	0.181	0.544	3.16	3.05	1.59	0.575	0.306	0.131	0.139	0.162	2
3	0.317	0.274	0.178	0.719	3.27	3.06	1.82	0.553	0.288	0.130	0.135	0.162	3
4	0.319	0.261	0.178	0.874	3.37	3.35	1.64	0.519	0.273	0.135	0.135	0.169	4
5	0.319	0.256	0.179	1.02	3.74E	3.42	1.49	0.497	0.262	0.138	0.134	0.170	5
6	0.317	0.251	0.178	1.17	3.86	3.29	2.04	0.470	0.255	0.134	0.115	0.166	6
7	0.324	0.245	0.185	1.38	3.44	3.19	2.35	0.441	0.242	0.133	0.134	0.165	7
8	0.325	0.241	0.191	1.56	3.11	2.92	1.96	0.423	0.231	0.131	0.132	0.163	8
9	0.321	0.238	0.187	1.50	2.88	2.78	1.72	0.403	0.224	0.140	0.138	0.166	9
10	0.317	0.236	0.188	1.38	3.36	3.61	1.58 A	0.385	0.213	0.156	0.171	0.168	10
11	0.240	0.233	0.187	1.34	3.39	4.72A	1.37	0.364	0.207	0.152	0.220	0.165	11
12	0.355	0.234	0.185	1.44	3.21	7.00E	1.25	0.346	0.193	0.150	0.278	0.161	12
13	0.320	0.215	0.182	1.68	2.97	10.9 E	1.16	0.356	0.181	0.150	0.359	0.159	13
14	0.311	0.202	0.183	1.88	2.84	8.14A	1.09	0.381	0.181	0.144	0.361	0.157	14
15	0.302	0.238	0.181	2.19	2.63	5.96A	1.01	0.341	0.178	0.142	0.312	0.155	15
16	0.295	0.224	0.182	2.45	2.50	4.87	0.930	0.320	0.187	0.143	0.297	0.150	16
17	0.286	0.194	0.190	2.69	2.63	4.23	0.894	0.321	0.193	0.141	0.267	0.152	17
18	0.263	0.213	0.203	2.94	3.00	3.77	0.859	0.309	0.186	0.142	0.231	0.138	18
19	0.253	0.207	0.217	3.18	3.02	3.59	0.825	0.298	0.177	0.142	0.251	0.114	19
20	0.275	0.195	0.228	3.26	2.77	3.54	0.783	0.290	0.169	0.135	0.241	0.119	20
21	0.278	0.189	0.243	3.37	2.68	3.13	0.738	0.301	0.161	0.148	0.217	0.113	21
22	0.275	0.192	0.243	3.36	2.71	2.81	0.699	0.325	0.159	0.144	0.232	0.121	22
23	0.275	0.193	0.221	3.32	2.88	2.64	0.731	0.332	0.157	0.137	0.226	0.151	23
24	0.274	0.193	0.224	3.64	3.01	2.41	0.825	0.365	0.153	0.138	0.222	0.154	24
25	0.275	0.196	0.241	3.70	3.40	2.19	0.796	0.435	0.151	0.140	0.195	0.156	25
26	0.270	0.193	0.248	3.48 E	3.98	2.02	0.746	0.452	0.148A	0.150	0.121	0.160	26
27	0.264	0.189	0.242	3.37 E	3.60	1.94	0.692	0.395	0.150A	0.151	0.189	0.164	27
28	0.267	0.185	0.246	3.23 E	3.47	1.79	0.656	0.349	0.146	0.155	0.198	0.169	28
29	0.270		0.253	3.03	3.76	1.68	0.628	0.328	0.143	0.159	0.196	0.164	29
30	0.263		0.277	2.85	4.11	1.56	0.586	0.349	0.138	0.157	0.176	0.158	30
31	0.181		0.328		3.62		0.634	0.342		0.150		0.153	31
TOTAL	9.000	6.225	6.531	66.955	99.29	110.84	35.522	12.187	5.975	4.437	6.163	4.791	TOTAL
MEAN	0.290	0.222	0.211	2.23	3.20	3.69	1.15	0.393	0.199	0.143	0.205	0.155	MEAN
MAX	0.355	0.292	0.328	3.70	4.11	10.9	2.35	0.622	0.323	0.159	0.361	0.170	MAX
MIN	0.181	0.185	0.178	0.408	2.50	1.56	0.586	0.290	0.138	0.130	0.115	0.113	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 10.9E ON JUN 13
MINIMUM DAILY, 0.113 ON DEC 21

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 25 N
LONG 120 12 40 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	778	JUL	3 070
FEB	538	AUG	1 050
MAR	564	SEP	516
APR	5 780	OCT	383
MAY	8 580	NOV	532
JUN	9 580	DEC	414

TOTAL DISCHARGE, 31 800 dam³

FIVE MILE CREEK ABOVE CITY INTAKE - STATION NO. 08NJ168

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.325	0.245	0.130B	0.390	1.45	7.50	4.50	0.653	0.474	0.140	0.292	0.731	1
2	0.305	0.242	0.136B	0.546	1.46	5.84	4.23	0.608	0.379	0.157	0.218	0.696	2
3	0.297	0.241	0.140B	0.622	1.56	5.84	3.80	0.570	0.345	0.191	0.241	0.659	3
4	0.300	0.237	0.142B	0.607	2.03	6.52	3.19	0.531	0.323	0.453	0.246	0.643	4
5	0.296	0.236	0.149B	0.629	3.48	5.11	3.19	0.495	0.299	0.450	0.222	0.618	5
6	0.298	0.229	0.150B	0.661	4.95	4.74	3.70	0.473	0.279	0.251	0.225	0.588	6
7	0.300	0.223	0.150B	0.745	3.78	6.25	2.88	0.436	0.269	0.213	0.253	0.566	7
8	0.302	0.218B	0.154B	0.868	3.07	5.19	2.54	0.424	0.255	0.201	0.219	0.557	8
9	0.300	0.208B	0.159B	0.858	2.61	5.23	2.47	0.397	0.239	0.214	0.532	0.545	9
10	0.318	0.202B	0.157B	0.823	2.43	11.1	2.38	0.415	0.232	0.245	2.01	0.521	10
11	0.360	0.200B	0.153B	0.809	2.57	8.60	2.23	0.404	0.226	0.206	1.38	0.503	11
12	0.298	0.210B	0.144B	0.835	2.92	6.13	2.11	0.365	0.220	0.209	1.01	0.489	12
13	0.286	0.216	0.142B	0.833	2.89	5.41	1.96	0.345	0.210	0.205	1.23	0.495	13
14	0.290	0.218	0.140B	0.872	2.65	4.76	1.64	0.329	0.202	0.194	1.09	0.474	14
15	0.286	0.210B	0.141B	0.957	2.50	4.89	1.48	0.321	0.189	0.200	0.857	0.460	15
16	0.276	0.190B	0.143B	1.09	2.36	5.70	1.36	0.315	0.234	0.196	0.767	0.443	16
17	0.260	0.186B	0.152B	1.22	2.43	6.03	1.23	0.299	0.242	0.185	0.714	0.435	17
18	0.262B	0.193B	0.175B	1.36	2.42	6.25	1.13	0.300	0.210	0.204	0.627	0.425	18
19	0.264B	0.194B	0.203	1.62	2.43	6.46	1.06	0.298	0.197	0.194	0.621	0.404	19
20	0.269B	0.179B	0.238	2.01	2.49	7.06	0.982	0.309	0.180	0.182	0.577	0.400B	20
21	0.272B	0.165B	0.237	2.44	2.51	7.03	0.923	0.340	0.181	0.191	0.547	0.391B	21
22	0.269B	0.172B	0.221	3.03	2.83	7.59	0.919	0.386	0.168	0.186	0.559	0.372B	22
23	0.267B	0.174B	0.211	3.21	4.11	8.05	0.891	0.575	0.159	0.183	0.727	0.350B	23
24	0.265	0.171B	0.210B	2.96	4.85	8.30	0.816	0.356	0.157	0.189	1.29	0.320B	24
25	0.266	0.162B	0.208	2.47	5.23	7.62	1.10	0.487	0.152	0.231	1.59	0.315B	25
26	0.262	0.152B	0.205	2.09	4.71	6.62	1.24	0.468	0.153	0.340	1.03	0.310B	26
27	0.257	0.143B	0.209	1.90	4.56	5.59	1.20	0.354	0.143	0.255	0.949	0.300B	27
28	0.253	0.135B	0.218	1.73	6.15	5.29	0.919	0.325	0.137	0.202	0.854	0.290B	28
29	0.255		0.224	1.59	8.84	5.00	0.812	0.311	0.137	0.286	0.835	0.270B	29
30	0.247		0.237	1.49	10.4	5.64	0.739	0.547	0.133	0.347	0.752	0.255B	30
31	0.245		0.297		8.53		0.717	0.534		0.359		0.243B	31
TOTAL	8.750	5.551	5.575	41.265	115.20	191.04	58.338	12.970	6.724	7.359	22.464	14.058	TOTAL
MEAN	0.282	0.198	0.180	1.38	3.72	6.37	1.88	0.418	0.224	0.237	0.749	0.454	MEAN
MAX	0.360	0.245	0.297	3.21	10.4	11.1	4.50	0.653	0.474	0.453	2.01	0.731	MAX
MIN	0.245	0.135	0.130	0.390	1.45	4.74	0.717	0.298	0.133	0.140	0.218	0.243	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 11.1 ON JUN 10
MINIMUM DAILY, 0.130B ON MAR 01
MAXIMUM INSTANTANEOUS,
13.6 AT 14:58 PST ON JUN 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 08 N
LONG 117 12 44 W
DRAINAGE AREA, 47.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	756	JUL	5 040
FEB	480	AUG	1 120
MAR	482	SEP	581
APR	3 570	OCT	636
MAY	9 950	NOV	1 940
JUN	16 500	DEC	1 210

TOTAL DISCHARGE, 42 300 dam³

FLATBED CREEK AT KILOMETRE 110 HERITAGE HIGHWAY - STATION NO. 07FB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56 B	0.755B	0.950B	1.78B	6.69	32.7	6.41	1.28	1.09	0.430	0.536B	0.840B	1
2	1.54 B	0.730B	0.965B	1.83B	7.34	24.0	5.75	1.22	0.955	0.505	0.540B	0.850B	2
3	1.52 B	0.710B	0.990B	1.82B	9.09	23.5	5.11	1.16	1.09	0.547	0.548B	0.848B	3
4	1.46 B	0.700B	1.02 B	1.81B	12.8	41.0	27.1	1.02	0.817	0.608	0.556B	0.846B	4
5	1.43 B	0.710B	1.04 B	1.80B	16.6	35.9	23.4	1.00	0.687	0.671	0.566B	0.846B	5
6	1.39 B	0.715B	1.05 B	1.87B	22.4	28.3	16.0	0.900	0.646	0.610	0.570B	0.844B	6
7	1.32 B	0.720B	1.07 B	1.91B	15.6	53.5	12.4	0.832	0.610	0.701	0.572B	0.844B	7
8	1.28 B	0.725B	1.10 B	1.87B	11.0	53.1	10.1	0.742	0.592	0.715	0.574B	0.842B	8
9	1.23 B	0.730B	1.12 B	1.89B	9.51	52.2	9.06	0.736	0.562	0.711	0.574B	0.840B	9
10	1.16 B	0.725B	1.13 B	1.86B	9.30	20.5	12.0	0.717	0.558	0.799	0.574B	0.838B	10
11	1.12 B	0.715B	1.13 B	1.82B	9.00	87.8	9.83	0.683	0.536	1.38	0.572B	0.838B	11
12	1.08 B	0.705B	1.14 B	1.73B	8.43	152 E	7.84	0.634	0.476	1.32	0.570B	0.834B	12
13	1.04 B	0.695B	1.14 B	1.72B	8.59	126 E	6.32	0.745	0.453	1.11	0.578B	0.830B	13
14	1.02 B	0.680B	1.12 B	1.82B	9.64	81.0 A	6.25	0.991	0.483	1.05	0.588B	0.826B	14
15	0.990B	0.660B	1.12 B	2.25B	9.96	47.2 A	4.96	0.914	0.463	0.946	0.604B	0.822B	15
16	0.970B	0.660B	1.12 B	3.10B	10.5	30.2	4.07	0.855	0.427	0.805	0.622B	0.818B	16
17	0.960B	0.660B	1.14 B	4.00B	11.6	23.2	3.58	0.900	0.419	0.763	0.644B	0.814B	17
18	0.950B	0.670B	1.16 B	5.57	13.5	19.0	3.39	0.933	0.425	0.739	0.666B	0.810B	18
19	0.940B	0.691B	1.20 B	7.64	14.9	15.3	3.19	0.829	0.414	0.669	0.690B	0.808B	19
20	0.940B	0.705B	1.23 B	10.7	16.9	13.4	3.05	0.676	0.425	0.650	0.710B	0.804B	20
21	0.945B	0.720B	1.25 B	13.6	14.9	12.2	2.87	0.627	0.416	0.650	0.716B	0.800B	21
22	0.950B	0.740B	1.24 B	14.3	14.8	11.3	2.64	0.598	0.412	0.614	0.710B	0.796B	22
23	0.945B	0.770B	1.23 B	14.4	14.7	10.1	2.45	0.590	0.389	0.600B	0.706B	0.790B	23
24	0.940B	0.800B	1.23 B	14.3	16.3	8.53	2.32	0.790	0.399	0.580B	0.702B	0.780B	24
25	0.905B	0.830B	1.25 B	21.2	25.5	7.12	2.20	0.984	0.392	0.570B	0.704B	0.770B	25
26	0.880B	0.850B	1.28 B	15.1	33.2	6.26	2.11	0.847	0.384	0.560B	0.710B	0.760B	26
27	0.850B	0.880B	1.36 B	10.7	31.2	5.47	1.97	0.724	0.386	0.550B	0.726B	0.750B	27
28	0.935B	0.910B	1.44 B	8.08	29.1	5.16	1.92	0.641	0.379	0.540B	0.744B	0.740B	28
29	0.810B		1.58 B	6.54	28.0	4.88	1.68	0.600	0.403	0.535B	0.766B	0.730B	29
30	0.790B		1.67 B	5.97	30.2	5.30	1.59	0.543	0.415	0.530B	0.792B	0.720B	30
31	0.775B		1.72 B		43.2		1.46	0.633	0.440	0.525B	0.820B	0.710B	31
							1.35	0.901		0.530B		0.700B	
TOTAL	33.605	20.561	37.145	189.98	514.05	946.12	199.36	25.585	15.453	21.903	19.376	24.850	TOTAL
MEAN	1.08	0.734	1.20	6.33	16.6	31.5	6.43	0.825	0.515	0.707	0.646	0.802	MEAN
MAX	1.56	0.910	1.72	21.3	43.2	152	27.1	1.28	1.09	1.38	0.820	0.850	MAX
MIN	0.775	0.660	0.950	1.72	6.69	4.88	1.35	0.543	0.379	0.430	0.536	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.61
MAXIMUM DAILY, 152E ON JUN 12
MINIMUM DAILY, 0.379 ON SEP 27
MAXIMUM INSTANTANEOUS, 173E AT 19:00 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 21 N
LONG 120 56 24 W
DRAINAGE AREA, 597 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 900	JUL	17 200
FEB	1 780	AUG	2 210
MAR	3 210	SEP	1 340
APR	16 400	OCT	1 890
MAY	44 400	NOV	1 670
JUN	81 700	DEC	2 150

TOTAL DISCHARGE, 177 000 dam³

FLATHEAD RIVER AT FLATHEAD - STATION NO. 08NP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	5.10B	4.79B	10.2	48.4	172	86.1	21.1	9.74	6.31	17.3	15.7	1
2	9.90B	5.02B	4.98B	14.4	49.6	145	80.0	20.3	9.50	6.48	15.5	15.4	2
3	9.06B	6.10B	5.22B	22.8	53.7	122	76.9	20.0	9.06	6.52	13.3	15.1	3
4	9.00B	6.98B	5.55B	30.7	63.8	132	65.0	18.8	8.87	7.76	12.4	14.5	4
5	8.95B	6.65B	5.70B	31.7	89.1	131	57.8	17.4	8.71	12.4	11.8	14.0	5
6	9.03B	6.28B	5.90B	30.8	134	115	54.6	16.8	8.45	13.5	10.7	13.4	6
7	9.20B	6.08B	6.08B	30.3	138	121	52.6	16.2	8.19	10.8	10.2	13.2	7
8	9.45B	6.05B	6.23B	30.8	107	132	50.1	15.6	8.07	9.33	10.2	12.9	8
9	9.85	6.39B	6.09B	29.8	85.6	120	46.2	15.1	7.98	8.65	11.8	13.0	9
10	11.3	6.65B	5.88B	26.5	75.2	136	44.2	14.9	7.89	9.80	44.3	14.4	10
11	8.00B	7.22B	5.90B	25.5	72.3	146	42.7	14.4	7.84	9.90	87.3	14.2	11
12	7.65B	6.20B	5.91B	24.8	75.5	141	40.8	14.3	7.75	9.37	62.4	13.1	12
13	7.60B	5.32B	6.02	25.5	76.3	119	39.4	13.9	7.63	9.25	46.7	12.3 B	13
14	7.75B	4.63B	5.90	25.5	74.6	106	36.8	13.6	7.67	8.85	39.7	12.0 B	14
15	8.30B	4.45B	5.78	29.0	70.9	101	34.0	12.7	7.48	8.41	33.6	12.2 B	15
16	8.20B	4.32B	5.65	32.7	68.1	104	31.7	12.5	7.47	8.71	28.3	12.3 B	16
17	7.20B	4.40B	5.65	37.1	70.7	115	30.1	12.4	7.34	8.22	25.5	12.2 B	17
18	6.80B	4.62B	5.70	43.8	77.6	125	28.0	12.1	7.21	8.19	23.3	9.00B	18
19	6.92B	4.90B	5.63	55.7	81.7	130	26.7	11.7	7.14	8.28	20.9	7.60B	19
20	7.08B	5.20B	5.89	73.9	83.4	137	25.3	11.7	7.15	7.92	19.6	7.35B	20
21	7.60B	5.60B	6.21	87.7	84.3	139	24.1	11.6	7.17	7.87	18.2	7.10B	21
22	8.14B	6.03B	6.02	96.1	83.5	128	22.7	11.5	6.79	7.88	18.0	7.20B	22
23	7.84B	6.27B	5.18B	106	95.2	134	21.8	11.4	6.81	7.46	18.9	7.58B	23
24	7.68B	6.38B	5.20B	109	126	140	21.7	11.1	6.86	7.36	23.3	8.14B	24
25	8.00B	6.38B	5.40B	99.6	154	134	26.4	11.3	6.63	7.41	21.8	8.35B	25
26	7.00B	6.22B	5.72B	84.8	138	127	33.0	11.4	6.46	8.54	21.1	8.38B	26
27	6.42B	5.85B	6.14	73.0	122	117	30.9	10.8	6.35	9.70	19.8	8.39B	27
28	6.28B	5.45B	6.08	64.7	128	105	27.9	10.3	6.30	9.69	18.4	6.82B	28
29	6.25B		6.24	56.1	155	90.8	25.1	10.0	6.35	9.75	18.3	6.76B	29
30	5.40B		6.76	50.6	188	85.2	22.9	9.82	6.25	10.1	16.9	8.00B	30
31	5.14B		7.89		183		22.0	9.73		15.7		9.00B	31
TOTAL	247.69	160.74	181.29	1 459.1	3 052.5	3 750.0	1 227.5	424.35	227.11	280.07	739.2	339.57	TOTAL
MEAN	7.99	5.74	5.85	48.6	98.5	125	39.6	13.7	7.57	9.03	24.6	11.0	MEAN
MAX	11.3	7.22	7.89	109	188	172	86.1	21.1	9.74	15.7	87.3	15.7	MAX
MIN	5.14	4.32	4.79	10.2	48.4	85.2	21.7	9.73	6.25	6.31	10.2	6.76	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.1
MAXIMUM DAILY, 188 ON MAY 30
MINIMUM DAILY, 4.32B ON FEB 16
MAXIMUM INSTANTANEOUS, 195 AT 20:30 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 02 N
LONG 114 28 35 W
DRAINAGE AREA, 1 110 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 400	JUL	106 000
FEB	13 900	AUG	36 700
MAR	15 700	SEP	19 600
APR	126 000	OCT	24 200
MAY	264 000	NOV	63 900
JUN	324 000	DEC	29 300

TOTAL DISCHARGE, 1 040 000 dam³

FONTAS RIVER NEAR THE MOUTH - STATION NO. 10CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.10B	1.22B	3.30B	10.3 B	151	245	108	14.4	4.14	1.70E	1.40B	1.34 B	1
2	3.00B	1.25B	3.29B	10.1 B	161	325	109	13.2	4.14	2.08E	3.29B	1.50 B	2
3	2.64B	1.23B	3.40B	10.2 B	165	299	146	11.8	4.17	2.28E	3.33B	1.70 B	3
4	2.63B	1.22B	3.65B	10.7 B	165	274	149	10.6	4.09	2.43E	2.84B	1.90 B	4
5	2.66B	1.40B	4.00B	11.1 B	163	234	128	10.4	4.01	2.58A	2.90B	1.95 B	5
6	2.69B	1.57B	4.05B	10.7 B	163	200	107	10.5	3.96	2.45	3.15B	2.12 B	6
7	2.65B	1.64B	4.15B	9.85B	166	172	89.1	10.9	3.91	2.65	3.20B	2.20 B	7
8	2.63B	1.70B	4.06B	9.60B	168	152	75.2	10.5	3.87	2.95	2.92B	2.27 B	8
9	2.60B	1.65B	3.65B	9.70B	163	137	63.8	9.62	3.76	3.22	2.62B	2.29 B	9
10	2.64B	1.70B	3.47B	10.1 B	151	132	55.5	8.58	3.49	3.59	2.45B	2.22 B	10
11	2.52B	1.92B	3.42B	10.5 B	139	124	49.5	7.82	3.29	3.80	2.38B	2.16 B	11
12	2.55B	1.85B	3.90B	10.8 B	128	113	48.0	7.06	3.37	4.07	2.39B	2.13 B	12
13	2.62B	1.78B	4.55B	11.3 B	119	101	44.5	6.56	3.38	4.24	2.38B	2.10 B	13
14	2.65B	1.70B	5.10B	14.0 B	110	90.9	41.8	5.97	3.23	4.36	2.37B	2.11 B	14
15	2.62B	1.60B	6.30B	19.9 B	102	82.5	39.5	5.60	3.15	4.42	2.40B	2.10 B	15
16	2.56B	1.62B	6.25B	27.0 B	93.9	75.9	37.5	5.26	3.13	4.41	2.41B	2.09 B	16
17	2.45B	1.82B	6.00B	36.0 B	87.8	68.7	35.2	4.89	3.12	4.41B	2.42B	2.08 B	17
18	2.38B	2.12B	5.62B	50.0 B	83.2	62.1	33.6	4.58	2.94	4.38B	2.43B	2.06 B	18
19	2.35B	2.34B	5.28B	68.0 B	80.9	56.9	31.6	4.34	2.72	4.21B	2.42B	2.00 B	19
20	2.40B	2.40B	5.00B	93.0 B	78.6	51.9	28.9	4.06	2.61	4.40B	2.41B	1.80 B	20
21	2.47B	2.37B	4.70B	127 B	76.9	47.2	26.8	3.89	2.57	4.22B	2.34B	1.85 B	21
22	2.49B	2.32B	4.78B	180	76.4	42.9	24.4	3.74	2.59	4.20B	2.22B	1.95 B	22
23	2.45B	2.32B	5.40B	190	74.2	40.1	22.1	4.12	2.41	4.30B	2.12B	1.80 B	23
24	2.38B	2.34B	6.60B	195	70.1	37.3	20.9	4.30	2.30A	4.40B	2.07B	1.72 B	24
25	2.28B	2.44B	7.75B	207	66.5	34.5	21.0	4.37	2.16A	4.20B	2.05B	1.90 B	25
26	2.13B	2.60B	9.00B	211	74.8	31.6	22.1	4.28	1.78A	4.06B	2.06B	1.93 B	26
27	1.95B	2.95B	10.3 B	191	148	31.5	22.2	4.36	2.10A	3.90B	2.05B	1.75 B	27
28	1.60B	3.45B	11.5 B	163	272	35.5	20.8	4.35	2.30A	3.60B	2.05B	1.62 B	28
29	1.35B		11.2 B	154	286	88.3	19.0	4.37	2.20A	3.22B	1.90B	1.50 B	29
30	1.20B		11.4 B	149	240	118	17.3	4.32	1.94A	3.30B	1.32B	1.30 B	30
31	1.17B		11.3 B		200		15.7	4.17		3.50B		0.900B	31
TOTAL	74.89	54.52	182.39	2 209.85	4 223.3	3 503.8	1 653.0	212.91	92.73	111.53	74.29	58.240	TOTAL
MEAN	2.42	1.95	5.88	73.7	136	117	53.3	6.87	3.09	3.60	2.48	1.88	MEAN
MAX	4.10	3.45	11.5	211	286	325	149	14.4	4.17	4.42	3.40	2.29	MAX
MIN	1.17	1.22	3.29	9.60	66.5	31.5	15.7	3.74	1.78	1.70	1.32	0.900	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.1
MAXIMUM DAILY, 325 ON JUN 02
MINIMUM DAILY, 0.900B ON DEC 31
MAXIMUM INSTANTANEOUS,
332 AT 10:44 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 16 15 N
LONG 121 27 50 W
DRAINAGE AREA, 7 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 470	JUL	143 000
FEB	4 710	AUG	18 400
MAR	15 800	SEP	8 010
APR	191 000	OCT	9 640
MAY	365 000	NOV	6 420
JUN	303 000	DEC	5 030

TOTAL DISCHARGE, 1 080 000 dam³

FORBES CREEK NEAR THE MOUTH - STATION NO. 08MC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.112	0.065B	0.054B	0.699	0.443	0.260	0.041	0.004	0.001	0.001	0.001	0.045	1
2	0.109	0.067B	0.053B	1.04	0.410	0.228	0.049	0.004	0.001	0.001	0.002	0.043	2
3	0.103	0.069	0.054B	1.29	0.346	0.218	0.077	0.004	0.001	0.001	0.003	0.043	3
4	0.102	0.071	0.055B	1.20	0.311	1.72	0.093	0.003	0.001	0.001	0.003	0.044	4
5	0.101	0.070	0.057B	1.14	0.273	0.329	0.111	0.002	0.001	0.001	0.002	0.046	5
6	0.101	0.067	0.060B	1.01	0.257	0.235	0.237	0.002	0.001	0.001	0.003	0.047	6
7	0.101	0.067	0.059B	0.977	0.241	0.147	0.725	0.001	0.001	0.001	0.005	0.045	7
8	0.101	0.065	0.058B	0.879	0.210	0.170	1.32	0.001	0.001	0.001	0.007	0.043	8
9	0.100	0.063	0.059B	0.754	0.201	0.165	1.22	0.002	0.001	0.001	0.007	0.043	9
10	0.099	0.063	0.060B	0.675	0.197	0.206	0.740	0.001	0.001	0.001	0.010	0.041	10
11	0.088	0.067	0.059B	0.588	0.201	0.341	0.410	0.001	0.001	0.001	0.031	0.038	11
12	0.090	0.064	0.060B	0.630	0.232	2.56	0.225	0.002	0.001	0.001	0.053	0.037	12
13	0.096	0.062	0.064B	0.662	0.220	3.77	0.152	0.002	0.001	0.001	0.075	0.036	13
14	0.102	0.061	0.067	0.683	0.205	1.87	0.083	0.004A	0.001	0.001	0.076	0.034	14
15	0.100	0.058B	0.070	0.662	0.173	1.13	0.061	0.001	0.001	0.001	0.063	0.034	15
16	0.099	0.053B	0.079	0.624	0.157	0.705	0.053	0.001	0.001	0.001	0.059	0.034	16
17	0.091	0.050B	0.098	0.575	0.223	0.482	0.052	0.001	0.001	0.001	0.059	0.035B	17
18	0.087	0.051B	0.125	0.536	0.238	0.378	0.038	0.001	0.001	0.001	0.054	0.032B	18
19	0.086	0.053	0.144	0.506	0.242	0.327	0.031	0.001	0.001	0.001	0.054	0.029B	19
20	0.084	0.057	0.176	0.474	0.226	0.310	0.022	0.001	0.001	0.001	0.053	0.028B	20
21	0.089	0.056	0.221	0.443	0.234	0.299	0.016	0.001	0.001	0.001	0.050	0.027B	21
22	0.096	0.056	0.215	0.415	0.240	0.255	0.015	0.001	0.001	0.001	0.050	0.026B	22
23	0.095	0.055	0.218	0.389	0.226	0.119	0.015	0.001	0.001	0.001	0.052B	0.025	23
24	0.093	0.055	0.231	0.400	0.218	0.071	0.014	0.001	0.001	0.001	0.051B	0.030	24
25	0.094	0.059	0.229	0.419	0.232	0.063	0.010	0.001	0.001	0.001	0.050B	0.035	25
26	0.092	0.054	0.226	0.429	0.253	0.049	0.010	0.001	0.001	0.001	0.049B	0.037	26
27	0.090	0.055	0.240	0.467	0.260	0.050	0.008	0.001	0.001	0.001	0.049B	0.037	27
28	0.086B	0.055	0.272	0.528	0.248	0.041	0.007	0.001	0.001	0.001	0.047	0.037	28
29	0.080B		0.320	0.531	0.247	0.029	0.005	0.002	0.001	0.001	0.048	0.036	29
30	0.075B		0.400	0.497	0.263	0.044	0.005	0.002	0.002	0.001	0.047	0.038B	30
31	0.070B		0.513		0.276		0.004	0.001		0.001		0.038B	31
TOTAL	2.912	1.688	4.596	20.122	7.703	16.571	5.849	0.052	0.031	0.031	1.113	1.143	TOTAL
MEAN	0.094	0.060	0.148	0.671	0.249	0.552	0.189	0.002	0.001	0.001	0.037	0.037	MEAN
MAX	0.112	0.071	0.513	1.29	0.443	3.77	1.32	0.004	0.002	0.001	0.076	0.047	MAX
MIN	0.070	0.050	0.053	0.389	0.157	0.029	0.004	0.001	0.001	0.001	0.001	0.025	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.169
MAXIMUM DAILY, 3.77 ON JUN 13
MINIMUM DAILY, 0.001 ON AUG 07
MAXIMUM INSTANTANEOUS,
19.3 AT 15:55 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 21 N
LONG 121 35 17 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	252	JUL	505
FEB	146	AUG	4.49
MAR	397	SEP	2.68
APR	1 740	OCT	2.68
MAY	666	NOV	96.2
JUN	1 430	DEC	98.8

TOTAL DISCHARGE, 5 340 dam³

FORDING RIVER AT THE MOUTH - STATION NO. 08NK018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02B	1.42B	2.00B	3.58	9.30	61.5	30.3	16.7	6.31	3.77	3.77	2.12B	1
2	1.96B	1.40B	2.02B	4.17	8.97	50.6	27.0	15.2	6.10	3.94	3.73	2.18B	2
3	1.89B	1.47B	2.04B	4.48	8.91	43.2	24.9	15.0	5.83	3.81	3.45	2.30B	3
4	1.94B	1.60B	2.09	4.57	9.28	41.9	24.6	13.9	5.76	4.14	3.50	2.47B	4
5	1.97B	1.75B	2.05	4.72	11.4	39.9	19.8	13.1	5.61	5.94	3.42	2.66B	5
6	2.01B	1.80B	2.02	4.85	18.7	36.4	19.2	12.4	5.54	5.32	3.28	2.94B	6
7	2.03B	1.74B	2.00	5.08	22.3	35.5	19.4	11.8	5.35	4.87	3.58	3.08B	7
8	2.04B	1.70B	2.03	5.29	21.0	33.4	18.9	10.9	5.35	4.72	3.37	2.90B	8
9	2.00B	1.76B	2.00	5.25	18.6	34.2	18.2	10.3	5.23	4.59	3.50	2.82B	9
10	1.90B	1.95B	2.00	5.27	15.5	37.0	18.1	9.99	5.10	4.84	4.03	2.80B	10
11	1.78B	1.84B	2.02	4.91	14.4	42.7	17.7	9.80	4.96	4.59	4.33	2.72B	11
12	1.65B	1.76B	1.96	4.99	13.9	37.3	17.9	9.58	4.98	4.43	4.32	2.60B	12
13	1.67B	1.62B	1.94	4.92	13.4	32.0	17.6	9.25	4.89	4.41	4.35	1.95	13
14	1.70B	1.50B	1.88	4.80	12.6	28.6	16.6	9.00	4.81	4.36	4.60	1.93	14
15	1.80B	1.30B	2.02	5.07	12.2	27.0	15.5	8.65	4.76	4.26	4.47	1.90B	15
16	1.83B	1.30B	1.97	5.34	11.5	27.9	14.7	8.49	4.69	4.32	4.31	1.88B	16
17	1.75B	1.35B	2.13	5.63	11.2	30.1	13.9	8.14	4.64	4.13	4.09	1.87B	17
18	1.67B	1.42B	2.16	6.22	11.8	34.2	13.1	7.93	4.62	4.07	4.03	1.85B	18
19	1.67	1.56B	2.26	7.44	12.7	36.5	13.4	7.74	4.65	4.01	3.94	1.83B	19
20	1.77	1.66B	2.31	9.25	13.0	38.6	12.7	7.75	4.62	3.94	3.82	1.80B	20
21	1.81	1.80B	2.40	11.4	13.2	39.1	11.8	7.44	4.29	3.94	3.56	1.78B	21
22	2.03	1.98B	2.33	13.8	13.4	41.1	11.1	7.41	4.12	3.78	3.82	1.71B	22
23	2.13	2.00B	2.18B	14.7	15.1	45.3	10.8	7.77	4.14	3.76	3.90	1.76B	23
24	2.11	1.96B	2.07B	14.5	21.5	47.5	10.8	7.70	4.09	3.77	4.07	1.90B	24
25	1.99	1.94B	2.14B	14.4	40.5	47.0	17.4	7.61	3.97	3.65	3.21	2.10B	25
26	1.82B	1.96B	2.36B	14.3	41.6	43.7	32.1	7.43	3.95	3.75	2.90	2.30B	26
27	1.86B	1.95B	2.50B	13.6	38.9	38.5	29.9	6.98	3.93	3.74	2.74	2.41B	27
28	1.83B	1.96B	2.67	16.9	42.2	33.6	27.2	6.71	3.90	3.79	2.38	2.10B	28
29	1.81B		2.72	10.7	70.5	29.7	21.4	6.92	3.81	3.85	2.32B	1.85B	29
30	1.74B		2.89	9.68	96.5	29.4	19.0	6.66	3.89	3.89	2.20B	1.70B	30
31	1.60B		3.14		79.8		17.6	6.64		3.92		2.10B	31
TOTAL	57.78	47.35	68.29	235.11	744.06	1 142.0	577.3	295.89	143.87	130.30	108.69	68.31	TOTAL
MEAN	1.86	1.69	2.20	7.84	24.0	38.1	18.6	9.54	4.80	4.20	3.62	2.20	MEAN
MAX	2.13	2.00	2.14	14.7	96.5	61.5	32.1	16.7	6.31	5.94	4.60	3.08	MAX
MIN	1.60	1.30	1.88	3.58	8.91	27.0	10.8	6.64	3.81	3.65	2.20	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.91
MAXIMUM DAILY, 96.5 ON MAY 30
MINIMUM DAILY, 1.30B ON FEB 15
MAXIMUM INSTANTANEOUS,
134 AT 15:00 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 39 N
LONG 114 51 53 W
DRAINAGE AREA, 619 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 990	JUL	49 900
FEB	4 090	AUG	25 600
MAR	5 900	SEP	12 400
APR	20 300	OCT	11 300
MAY	64 300	NOV	9 390
JUN	98 700	DEC	5 900

TOTAL DISCHARGE, 313 000 dam³

FORDING RIVER BELOW CLODE CREEK - STATION NO. 08NK021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.313	0.242B	0.305	1.04	2.10	16.7	8.71	3.37	1.13	0.557	0.554	0.341	1
2	0.312	0.250B	0.324	1.54	2.06	12.8	7.07	3.12	1.10	0.572	0.514	0.355	2
3	0.310	0.264	0.340	1.52	2.03	11.0	6.81	2.95	1.05	0.576	0.445	0.379	3
4	0.301	0.261	0.380	1.70	2.30	10.6	6.20	2.76	1.02	0.668	0.418	0.431	4
5	0.298	0.252	0.406B	1.53	3.59	9.11	5.07	2.60	0.969	1.05	0.419	0.461	5
6	0.292	0.259	0.416B	1.55	6.28	7.91	5.14	2.49	0.922	0.896	0.427	0.499	6
7	0.307	0.245	0.440B	1.54	5.89	8.35	5.01	2.34	0.885	0.911	0.413	0.514	7
8	0.301	0.248B	0.453B	1.46	5.00	7.85	4.70	2.23	0.858	0.765	0.405	0.495	8
9	0.298	0.258B	0.452B	1.26	4.25	7.71	5.13	2.08	0.849	0.730	0.471	0.484	9
10	0.292	0.262B	0.456B	1.13	3.83	11.7	5.24	1.98	0.836	0.761	0.651	0.486	10
11	0.283	0.263	0.456B	1.08	3.60	13.6	5.29	2.01	0.802	0.727	0.781	0.468	11
12	0.313	0.252	0.440	1.07	3.41	9.28	5.42	2.03	0.814	0.718	0.806	0.445	12
13	0.298	0.260B	0.417	1.02	3.29	7.29	5.20	1.93	0.801	0.690	0.771	0.448	13
14	0.271	0.307B	0.415	1.00	3.07	6.32	4.63	1.82	0.768	0.666	0.799	0.430	14
15	0.270	0.228B	0.419	1.05	2.82	6.34	4.20	1.75	0.716	0.625	0.728	0.371	15
16	0.283	0.235B	0.420	1.13	2.69	7.24	3.88	1.81	0.729	0.635	0.692	0.337	16
17	0.268	0.241B	0.423	1.28	2.76	8.06	3.42	1.70	0.730	0.577	0.657	0.334	17
18	0.288	0.250B	0.435	1.58	3.04	10.7	3.20	1.64	0.704	0.575	0.611	0.324	18
19	0.282	0.267B	0.449	2.07	3.11	11.6	3.05	1.74	0.677	0.572	0.554	0.322B	19
20	0.261	0.269B	0.477	2.70	3.26	11.5	2.69	1.63	0.670	0.525	0.502	0.323B	20
21	0.271	0.280B	0.472	3.42	3.44	12.0	2.46	1.52	0.656	0.534	0.481	0.315B	21
22	0.256	0.280B	0.455	4.07	3.58	14.3	2.65	1.47	0.650	0.530	0.485	0.304B	22
23	0.256	0.285	0.464	3.95	4.39	16.5	2.73	1.52	0.641	0.513	0.487	0.320B	23
24	0.266	0.292	0.458B	3.80	7.37	16.6	2.78	1.49	0.603	0.504	0.528	0.345B	24
25	0.265	0.283	0.441	3.72	15.7	15.9	7.36	1.44	0.578	0.507	0.522	0.385B	25
26	0.264	0.291	0.444	3.47	13.4	13.8	11.1	1.39	0.565	0.544	0.462	0.410B	26
27	0.257	0.284B	0.456	3.01	12.1	11.3	7.82	1.35	0.575	0.538	0.417	0.432B	27
28	0.258B	0.282B	0.485	2.67	12.6	8.99	5.30	1.30	0.563	0.560	0.368	0.400B	28
29	0.257B		0.543	2.39	23.0	8.24	4.32	1.24	0.542	0.559	0.347	0.350B	29
30	0.259		0.643	2.15	26.9	9.47	3.89	1.24	0.534	0.562	0.338	0.300B	30
31	0.253B		0.818		21.3		3.68	1.18		0.567		0.340B	31
TOTAL	8.705	7.398	14.002	60.60	212.76	322.76	153.15	59.12	22.937	19.614	16.053	12.148	TOTAL
MEAN	0.281	0.264	0.452	2.02	6.86	10.8	4.94	1.91	0.765	0.633	0.535	0.392	MEAN
MAX	0.313	0.307	0.818	4.07	26.9	16.7	11.1	3.37	1.13	1.05	0.806	0.514	MAX
MIN	0.253	0.228	0.305	1.00	2.03	6.32	2.46	1.18	0.534	0.504	0.338	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.49
MAXIMUM DAILY, 26.9 ON MAY 30
MINIMUM DAILY, 0.228B ON FEB 15
MAXIMUM INSTANTANEOUS,
29.1 AT 23:26 MST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 05 N
LONG 114 52 57 W
DRAINAGE AREA, 104 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	752	JUL	13 200
FEB	639	AUG	5 110
MAR	1 210	SEP	1 980
APR	5 240	OCT	1 690
MAY	18 400	NOV	1 390
JUN	27 900	DEC	1 050

TOTAL DISCHARGE, 78 600 dam³

FORREST KERR CREEK ABOVE 460 M CONTOUR - STATION NO. 08CG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.11	1.40B	1.52B	1.63B	6.27	42.3	90.5	100	72.1	38.8	5.99	4.35B	1
2	3.92B	1.39B	1.53B	1.65B	7.34	43.2	89.7	85.2	68.7	29.1	6.08	4.30B	2
3	3.75B	1.39B	1.53B	1.67B	9.45	45.1	88.4	84.8	66.0	24.4	5.89	4.30B	3
4	3.55B	1.40B	1.53B	1.70B	11.7	50.9	88.5	99.0	73.2	20.0	5.61	4.45B	4
5	3.45B	1.42B	1.53B	1.72B	12.8	53.2	90.3	104	77.6	17.0	5.40B	4.70B	5
6	3.30B	1.43B	1.53B	1.74B	11.9	52.3	96.2	101	78.3	15.0	5.15B	5.80B	6
7	3.20B	1.44B	1.53B	1.75B	10.6	54.8	100	89.5	89.4	15.0	5.08B	5.50B	7
8	3.10B	1.45B	1.53B	1.76B	12.3	56.5	101	91.6	73.5	32.0	5.00B	5.00B	8
9	2.90B	1.45B	1.53B	1.78B	13.4	57.3	99.3	108	62.1	25.5	4.96B	4.45B	9
10	2.80B	1.45B	1.54B	1.79B	13.3	56.4	112	122	59.9	19.0	4.97B	4.15B	10
11	2.75B	1.44B	1.55B	1.80B	13.5	54.9	111	136	65.0	16.4	4.97B	3.90B	11
12	2.70B	1.43B	1.56B	1.90	13.5	54.9	106	139	66.6	15.3	4.99B	3.66B	12
13	2.60B	1.41B	1.57B	2.18	13.6	61.6	100	142	72.1	14.1	5.00B	3.52B	13
14	2.55B	1.40B	1.58B	2.68	15.5	70.0	90.9	146	71.4	12.3	5.10B	3.48B	14
15	2.54B	1.39B	1.59B	3.34	16.9	73.0	86.0	116	78.9	11.0	5.20B	3.48B	15
16	2.53B	1.38B	1.59B	3.75	17.7	75.7	84.5	117	68.7	9.81	5.40B	3.46B	16
17	2.53B	1.37B	1.59B	4.17	18.4	73.9	83.6	120	49.8	9.33	5.45B	3.40B	17
18	2.51B	1.37B	1.59B	5.18	19.6	72.6	87.0	117	50.7	9.07	5.45B	3.20B	18
19	2.49B	1.38B	1.56B	6.04	17.9	73.3	95.6	115	47.6	8.26	5.40B	3.16B	19
20	2.43B	1.39B	1.54B	6.82	18.9	70.8	101	131	45.9	7.88	5.30B	3.18B	20
21	2.38B	1.41B	1.53B	7.39	21.7	83.0	106	129	53.7	7.78	5.05B	3.20B	21
22	2.32B	1.44B	1.52B	7.32	24.4	101	111	106	63.5	7.39	4.70B	3.25B	22
23	2.23B	1.45B	1.52B	6.52	26.4	98.8	111	97.4	84.2	10.8	4.25B	3.33B	23
24	2.17B	1.47B	1.52B	5.92	26.1	93.8	114	84.3	110	13.4	4.20B	3.44B	24
25	2.07B	1.49B	1.53B	5.48	23.7	89.6	118	81.5	122	10.1	4.25B	3.60B	25
26	1.97B	1.49B	1.54B	5.65	24.3	88.4	111	85.5	92.7	8.56	4.45B	3.70B	26
27	1.87B	1.50B	1.56B	5.90	26.3	86.2	101	90.0	57.2	8.30	4.55B	3.72B	27
28	1.75B	1.51B	1.58B	5.99	31.6	85.1	101	105	83.6	7.64	4.60B	3.66B	28
29	1.63B		1.60B	6.07	34.8	89.7	111	112	86.6	7.28	4.60B	3.40B	29
30	1.53B		1.61B	6.38	34.4	89.7	117	96.9	64.4	6.81	4.50B	3.30B	30
31	1.45B		1.62B		37.9		123	78.4		6.92		3.25B	31
TOTAL	81.08	39.94	48.15	117.67	585.16	2 098.0	3 125.5	3 330.1	2 155.4	444.23	151.54	119.29	TOTAL
MEAN	2.62	1.43	1.55	3.92	18.9	69.9	101	107	71.8	14.3	5.05	3.85	MEAN
MAX	4.11	1.51	1.62	7.39	37.9	101	123	146	122	38.8	6.08	5.80	MAX
MIN	1.45	1.37	1.52	1.63	6.27	42.3	83.6	78.4	45.9	6.81	4.20	3.16	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.7
MAXIMUM DAILY, 146 ON AUG 14
MINIMUM DAILY, 1.37B ON FEB 17
MAXIMUM INSTANTANEOUS,
164 AT 23:50 PST ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 54 56 N
LONG 130 43 15 W
DRAINAGE AREA, 311 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 010	JUL	270 000
FEB	3 450	AUG	288 000
MAR	4 160	SEP	186 000
APR	10 200	OCT	38 400
MAY	50 600	NOV	13 100
JUN	181 000	DEC	10 300

TOTAL DISCHARGE, 1 060 000 dam³

FORT NELSON RIVER ABOVE MUSKWA RIVER - STATION NO. 10CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.4 B	9.00B	13.5B	31.8B	528	1 400E	511	87.1	33.3	21.3	16.6 B	9.48B	1
2	15.0 B	8.10B	13.0B	29.5B	626	1 760E	540	81.6	32.5	21.9	16.4 B	9.80B	2
3	12.8 B	8.25B	14.2B	29.0B	718	1 600E	962	78.9	34.8	23.0	15.9 B	10.2 B	3
4	13.1 B	8.20B	15.3B	30.0B	749	1 400E	1 040	75.1	36.5	23.5	15.5 B	10.4 B	4
5	13.3 B	8.48B	16.9B	31.0B	756	1 220E	823	71.4	37.0	23.7	15.3 B	10.6 B	5
6	13.5 B	9.00B	16.5B	30.6B	766	1 090E	653	67.4	36.9	24.0	15.6 B	11.0 B	6
7	13.2 B	9.35B	17.0B	29.2B	780	970E	532	63.5	35.5	24.2	15.6 B	11.7 B	7
8	13.2 B	9.29B	17.6B	27.2B	763	840E	430	60.6	33.8	23.9	15.0 B	11.9 B	8
9	13.6 B	9.23B	16.5B	26.5B	697	746A	369	57.3	32.8	23.7	14.3 B	12.0 B	9
10	13.0 B	9.15B	15.8B	28.0B	637	716A	329	54.8	32.7	23.2	13.6 B	11.8 B	10
11	12.6 B	9.93B	15.7B	29.2B	594	598A	295	53.4	32.0	22.7	12.8 B	11.6 B	11
12	12.5 B	9.75B	16.1B	29.0B	548	556A	261	51.1	31.6	23.3	12.6 B	11.3 B	12
13	12.9 B	9.40B	19.2B	30.5B	490	500E	234	48.1	31.1	23.5	12.6 B	11.2 B	13
14	13.3 B	9.25B	20.7B	31.5B	452	455E	216	45.8	30.5	23.2	12.6 B	11.3 B	14
15	13.2 B	9.30B	21.4B	30.0B	419	415E	201	44.5	29.2	24.2	12.6 B	11.1 B	15
16	12.8 B	9.55B	21.9B	55.0B	392	375E	185	43.7	28.7	23.9	12.6 B	11.0 B	16
17	12.4 B	9.82B	21.7B	83.0B	367	335E	178	41.9	27.8	23.4	12.5 B	11.0 B	17
18	11.8 B	9.85B	21.2B	125 B	348	307A	219	42.3	27.0	22.1	12.5 B	10.8 B	18
19	11.3 B	10.7 B	20.3B	175 B	353	282	274	41.6	26.2	20.9	12.4 B	10.4 B	19
20	11.6 B	11.3 B	20.0B	255 B	364	257	251	40.8	25.6	19.3	12.3 B	10.2 B	20
21	12.3 B	11.2 B	20.1B	385	364	231	208	40.2	25.4	19.1B	12.1 B	10.3 B	21
22	12.8 B	10.9 B	20.3B	475	342	212	178	39.5	25.0	18.9B	11.8 B	10.3 B	22
23	12.7 B	10.8 B	21.0B	533	327	196	156	39.2	24.7	19.0B	11.2 B	10.0 B	23
24	12.3 B	11.0 B	23.3B	592	315A	191	149	38.1	24.3	19.3B	10.9 B	10.2 B	24
25	11.3 B	11.4 B	25.5B	692	295E	193	161	37.2	23.8	19.2B	10.7 B	10.3 B	25
26	10.6 B	12.0 B	28.7B	683	365E	184	150	37.7	23.1	18.8B	10.6 B	10.2 B	26
27	9.70B	12.5 B	32.0B	595	452A	171	135	38.8	22.2	18.4B	10.6 B	9.95B	27
28	8.80B	13.4 B	34.0B	527	550E	219	124	38.3	22.1	17.9B	10.5 B	9.60B	28
29	8.00B		32.7B	485	1 510E	450	115	37.2	22.1	17.6B	10.0 B	9.20B	29
30	7.75B		31.0B	474	1 320E	528	105	35.7	21.6	16.5B	9.45B	8.80B	30
31	7.80B		33.1B		1 190E		96.1	34.8		16.6B		8.50B	31
TOTAL	380.55	279.10	658.2	6 585.0	18 647	18 397	10 080.1	1 567.8	868.8	659.8	387.15	326.03	TOTAL
MEAN	12.3	9.97	21.2	220	602	613	325	50.6	29.0	21.3	12.9	10.5	MEAN
MAX	21.4	13.4	34.0	692	1 510	1 760	1 040	87.1	37.0	24.4	16.6	12.0	MAX
MIN	7.75	8.00	13.0	26.5	295	171	96.1	34.8	21.6	16.5	9.45	8.50	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 161
MAXIMUM DAILY, 1 760E ON JUN 02
MINIMUM DAILY, 7.75B ON JAN 30
MAXIMUM INSTANTANEOUS,
1 870 ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 40 15 N
LONG 122 38 15 W
DRAINAGE AREA, 22 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 900	JUL	871 000
FEB	24 100	AUG	135 000
MAR	56 900	SEP	75 100
APR	569 000	OCT	37 700
MAY	1 610 000	NOV	33 400
JUN	1 590 000	DEC	28 200

TOTAL DISCHARGE, 5 080 000 dam³

FRANCOIS LAKE AT FRANCOIS LAKE - STATION NO. 08JB011

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.836	1.831	1.790	1.786	2.073	2.426	2.386	2.218	2.026	1.836	1.772	1.733	1
2	1.833	1.831	1.787	1.787	2.090	2.432	2.388	2.196	2.017	1.839	1.770	1.730	2
3	1.836	1.829	1.785	1.789	2.113	2.442	2.390	2.201	2.008	1.836	1.768	1.728	3
4	1.838	1.828	1.784	1.791	2.127	2.442	2.393	2.196	2.003	1.834	1.765	1.730	4
5	1.841	1.826	1.787	1.796	2.150	2.448	2.400	2.189	1.994	1.833	1.762	1.733	5
6	1.843	1.822	1.790	1.800	2.165	2.454	2.397	2.181	1.986	1.831	1.760	1.734	6
7	1.841	1.820	1.792	1.804	2.185	2.457	2.391	2.171	1.978	1.834	1.755	1.732	7
8	1.838	1.817	1.790	1.808	2.203	2.459	2.381	2.161	1.973	1.832	1.753	1.734	8
9	1.841	1.816	1.789	1.811	2.217	2.461	2.375	2.149	1.968	1.830	1.750	1.739	9
10	1.848	1.813	1.787	1.814	2.228	2.462	2.371	2.145	1.965	1.826	1.754	1.742	10
11	1.851	1.812	1.789	1.819	2.245	2.464	2.365	2.143	1.963	1.826	1.758	1.744	11
12	1.848	1.810	1.790	1.828	2.249	2.462	2.361	2.141	1.958	1.825	1.760	1.744	12
13	1.846	1.809	1.787	1.831	2.257	2.461	2.356	2.138	1.956	1.822	1.760	1.747	13
14	1.846	1.807	1.787	1.836	2.265	2.464	2.350	2.132	1.950	1.820	1.758	1.745	14
15	1.844	1.809	1.788	1.844	2.283	2.460	2.347	2.129	1.944	1.818	1.755	1.747	15
16	1.843	1.811E	1.786	1.851	2.297	2.454	2.345	2.121	1.938	1.818	1.753	1.747	16
17	1.846	1.812	1.784	1.856	2.313	2.446	2.344	2.119	1.933	1.786	1.750	1.749	17
18	1.844	1.815	1.784	1.886	2.320	2.442	2.337	2.117	1.917	1.798E	1.748	1.751	18
19	1.842	1.817	1.786	1.896	2.333	2.434	2.327	2.113	1.921	1.810	1.748	1.749	19
20	1.846	1.817	1.786	1.904	2.339	2.433	2.316	2.106	1.916	1.805	1.745	1.747	20
21	1.847	1.815	1.784	1.916	2.348	2.427	2.308	2.098	1.911	1.803E	1.743	1.744	21
22	1.846	1.815	1.781	1.934	2.353	2.416	2.304	2.092	1.907	1.800	1.743	1.740	22
23	1.846	1.807	1.776	1.955	2.363	2.410	2.297	2.085	1.900	1.795	1.745	1.737	23
24	1.848	1.805	1.772	1.975	2.369	2.407	2.288	2.077	1.897	1.790E	1.748	1.734	24
25	1.846	1.802	1.769	1.993	2.373	2.404	2.278	2.067	1.887	1.785	1.745	1.731	25
26	1.845	1.799	1.766	2.022	2.380	2.399	2.266	2.058	1.877	1.780	1.746	1.735	26
27	1.841	1.797	1.769	2.043	2.388	2.394	2.258	2.052	1.869	1.780	1.740	1.736E	27
28	1.841	1.793	1.776	2.048	2.393	2.388	2.246	2.049	1.860	1.782	1.738	1.738E	28
29	1.838		1.780	2.055	2.400	2.387	2.238	2.042	1.851	1.780	1.735	1.739	29
30	1.836		1.784	2.063	2.413	2.385	2.230	2.036	1.844	1.775		1.743	30
31	1.833		1.786		2.418		2.227	2.031		1.775		1.747	31
MEAN	1.843	1.814	1.784	1.885	2.279	2.434	2.331	2.121	1.937	1.810	1.752	1.740	MEAN
MAX	1.851	1.831	1.792	2.063	2.418	2.464	2.400	2.218	2.026	1.839	1.775	1.751	MAX
MIN	1.833	1.793	1.766	1.786	2.073	2.385	2.227	2.031	1.844	1.775	1.735	1.728	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 1.978
MAXIMUM DAILY, 2.464 ON JUN 11
MINIMUM DAILY, 1.728 ON DEC 03

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 03 05 N
LONG 125 45 16 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

FRASER RIVER ABOVE TEXAS CREEK - STATION NO. 08MF040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 480	634	535E	706A	2 740	4 970	4 580A	2 710	1 470E	963	1 230	740	1
2	1 320	606	530E	784A	2 590	5 550	4 450E	2 650	1 540E	922	1 140	741	2
3	1 180	584	525E	898	2 530	6 260	4 360E	2 640	1 580E	896	1 070	747	3
4	1 070	567	523E	1 070	2 550	6 600	4 280A	2 620	1 560E	862	1 020	815	4
5	1 020	565	521E	1 180	2 620	6 300	4 170A	2 570	1 490E	860	967	837	5
6	929	565	523E	1 280	2 800	5 820	4 100A	2 460	1 400E	897	931	812	6
7	906	615	520E	1 370	3 050	5 480	4 110A	2 340	1 320E	890	891	806	7
8	906	617	518E	1 450	3 190	5 090	4 010A	2 250	1 280E	873	857	806	8
9	905	617	519E	1 500	3 530	4 740	4 060A	2 240	1 230E	869	840	845	9
10	904	616	518E	1 550	3 390	4 520A	4 070A	2 260	1 210E	862	819	847	10
11	881	618	520E	1 500	3 170	4 530A	4 020	2 240	1 190E	885	841	820	11
12	831	616	522E	1 450	3 000	4 560A	4 020	2 190	1 180E	1 050	879	784	12
13	794	617	525E	1 400	2 920	5 270	3 980	2 170	1 170E	1 140A	911	767	13
14	781	614	528E	1 370	2 880	5 880	3 940	2 170	1 150E	1 100E	950	778	14
15	780	607	532E	1 410	2 780	6 410	4 000	2 230	1 130E	1 050E	988	754	15
16	765	596	538E	1 520	2 660	6 400	4 060	2 260	1 110E	990E	1 090	730	16
17	761	589	540E	1 690	2 630	5 870	3 890	2 280	1 100E	950E	1 420	729	17
18	718	579	544E	1 940	2 640	5 500	3 600	2 220	1 090A	910E	1 520	688	18
19	651	568	562E	2 110	2 720	5 300	3 350	2 170	1 070	860E	1 100	586	19
20	636	551	580E	2 250	2 820	5 110	3 220	2 100	1 070	810E	1 120	433	20
21	634	550	610E	2 510	2 960A	5 000	3 060	2 010	1 090	790E	1 180	417	21
22	638	548	640E	2 870	3 040	4 940	2 920	1 910	1 090	795E	989	385	22
23	681	549	660E	3 200	3 130	4 930	2 800	1 830	1 050	835E	818	380B	23
24	689	551	640E	3 410	3 290	4 950	2 720	1 810	1 020	895E	881	375B	24
25	692	551	645E	3 600	3 310A	5 060	2 690	1 790	978	950E	875	370B	25
26	687	552	650E	3 820	3 300A	5 200	2 730	1 760	974	1 010E	833	365B	26
27	681	555A	630E	3 790	3 450	5 230A	2 780	1 720	952	1 030E	757	360B	27
28	673	540E	600E	3 550	3 740	5 220A	2 800	1 630A	1 020	1 090E	667	380B	28
29	671		590E	3 310A	4 030	4 940	2 820	1 570E	1 040	1 160E	715	395B	29
30	654		610E	3 090A	4 290	4 750	2 820	1 480E	1 010	1 220A	758	425B	30
31	642		650E		4 580		2 780	1 400E		1 300		448	31
TOTAL	25 560	16 330	17 548	61 578	96 530	160 380	111 190	65 680	35 564	29 714	29 057	19 365	TOTAL
MEAN	825	583	566	2 050	3 110	5 350	3 590	2 120	1 190	959	969	625	MEAN
MAX	1 480	634	660	3 820	4 580	6 600	4 580	2 710	1 580	1 300	1 520	847	MAX
MIN	634	540	518	706	2 530	4 520	2 690	1 400	952	790	667	360	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 830
MAXIMUM DAILY, 6 600 ON JUN 04
MINIMUM DAILY, 360B ON DEC 27
MAXIMUM INSTANTANEOUS, 6 630 AT 10:26 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 50 N
LONG 121 51 10 W

DRAINAGE AREA, 152 000 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 210 000	JUL	9 610 000
FEB	1 410 000	AUG	5 670 000
MAR	1 520 000	SEP	3 070 000
APR	5 320 000	OCT	2 570 000
MAY	8 340 000	NOV	2 510 000
JUN	13 900 000	DEC	1 670 000

TOTAL DISCHARGE, 57 800 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

FRASER RIVER AT HANSARD - STATION NO. 08KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	190 B	93.0B	90.5B	107B	479	2 610	1 490	748	381	207	269	148B	1
2	180 B	91.4B	90.2B	113B	492	2 780	1 520	766	439	204	243	146B	2
3	174 B	92.1B	90.0B	118B	523	2 530	1 470	731	416	202	220	144B	3
4	172 B	93.4B	90.0B	124B	583	2 190	1 410	653	375	207	203	143B	4
5	173 B	96.0B	89.9B	133B	682	1 990	1 330	588	338	202	191	143B	5
6	176 B	97.4B	89.5B	152B	880	1 810	1 280	582	304	204	180	142B	6
7	174 B	97.0B	89.2B	171B	1 120	1 630	1 360	627	292	202	175	142B	7
8	169 B	97.0B	89.0B	183B	1 060	1 530	1 400	679	296	192	169B	141B	8
9	162 B	97.3B	89.0B	188B	869	1 510	1 380	634	301	187	168B	139B	9
10	155 B	99.0B	89.5B	200B	738	1 530	1 400	577	306	235	168B	138B	10
11	149 B	100 B	89.8B	211B	698	1 620	1 390	574	304	327	167B	137B	11
12	148 B	98.5B	89.9B	224B	696	2 040	1 360	587	298	276	180B	137B	12
13	146 B	97.4B	90.3B	253B	694	2 500	1 440	616	298	240	249B	138B	13
14	144 B	95.5B	91.1B	285B	644	2 460	1 540	647	299	237	369B	141B	14
15	141 B	94.2B	92.4B	310B	612	2 060	1 420	669	281	224	360B	142B	15
16	138 B	93.1B	93.4B	352B	599	1 860	1 210	688	263	201	320B	138B	16
17	134 B	92.2B	93.6B	400	621	1 830	1 080	666	273	186	289B	136B	17
18	131 B	91.5B	93.4B	434	689	1 800	992	614	312	173	259B	132B	18
19	130 B	90.6B	95.0B	485	766	1 750	897	567	336	166	233B	129B	19
20	129 B	91.0B	95.8B	574	819	1 750	819	528	308	162	212B	126B	20
21	129 B	92.4B	95.4B	691	874	1 750	746	499	283	161	190B	124B	21
22	128 B	92.8B	94.4B	809	944	1 740	707	498	263	158	166B	120B	22
23	127 B	93.4B	94.0B	861	970	1 840	700	527	250	158	144B	119B	23
24	126 B	93.8B	93.7B	889	964	2 000	722	557	257	158	132B	118B	24
25	125 B	93.7B	93.5B	917	1 050	2 070	746	530	275	163	131B	119B	25
26	122 B	93.2B	93.6B	820	1 230	1 960	768	449	295	251	132B	121B	26
27	118 B	92.5B	94.5B	708	1 430	1 870	797	392	294	410	137B	122B	27
28	115 B	91.8B	96.0B	625	1 560	1 760	833	355	274	407	141B	123B	28
29	110 B		97.5B	554	1 670	1 620	810	332	239	378	149B	125B	29
30	104 B		100 B	504	1 870	1 540	749	313	216	342	151B	124B	30
31	99.2B		103 B		2 210		733	318		303		123B	31
TOTAL	4 418.2	2 641.2	2 877.1	12 395	29 036	57 930	34 499	17 531	9 066	7 123	6 097	4 120	TOTAL
MEAN	143	94.3	92.8	413	937	1 930	1 110	566	302	230	203	133	MEAN
MAX	190	100	103	917	2 210	2 780	1 540	766	439	410	369	148	MAX
MIN	99.2	90.6	89.0	107	479	1 510	700	313	216	158	131	118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 514
MAXIMUM DAILY, 2 780 ON JUN 02
MINIMUM DAILY, 89.0B ON MAR 08
MAXIMUM INSTANTANEOUS,
2 810 AT 06:55 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 43 N
LONG 121 50 52 W
DRAINAGE AREA, 18 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	382 000	JUL	2 980 000
FEB	228 000	AUG	1 510 000
MAR	249 000	SEP	783 000
APR	1 070 000	OCT	615 000
MAY	2 510 000	NOV	527 000
JUN	5 010 000	DEC	356 000

TOTAL DISCHARGE, 16 200 000 dam³

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 000	745B	885	1 140	4 220	7 790	7 980	4 470	2 130	1 460	1 860	1 480	1
2	1 790	663B	877	1 280	4 010	8 260	7 740	4 330	2 110	1 400	1 720	1 430	2
3	1 630	679	876	1 390	3 930	9 140	7 560	4 260	2 140	1 380	1 600	1 410	3
4	1 480	703	872	1 510	3 980	9 810	7 460	4 200	2 200	1 420	1 550	1 680	4
5	1 430	789	861	1 680	4 230	9 730	7 420	4 120	2 240	1 780	1 500	1 660	5
6	1 440	845	856	1 840	4 540	9 350	7 330	3 960	2 190	1 540	1 400	1 540	6
7	1 410	912	873	2 000	4 710	9 000	7 340	3 790	2 070	1 430	1 350	1 480	7
8	1 400	914	893	2 140	5 060	8 320	7 240	3 630	1 970	1 390	1 340	1 500	8
9	1 370	875	878	2 180	5 430	7 920	7 180	3 550	1 900	1 380	2 140	1 540	9
10	1 370	960	879	2 230	5 430	7 720	7 180	3 550	1 850	1 430	3 240	1 540	10
11	1 310	1 230	866	2 190	5 210	7 630	7 110	3 530	1 830	1 380	3 090	1 490	11
12	1 240	1 080	854	2 200	5 010	7 680	7 070	3 470	1 800	1 500	2 530	1 410	12
13	1 200	1 010	847	2 140	4 880	8 120	7 010	3 420	1 790	1 810	2 970	1 370	13
14	1 150	909	841	2 110	4 810	9 260	6 910	3 400	1 750	1 690	2 410	1 330	14
15	1 150	823B	839	2 190	4 700	9 890	6 850	3 420	1 730	1 560	2 070	1 320	15
16	1 130	758B	853	2 360	4 570	10 100	6 920	3 450	1 740	1 490	2 050	1 270	16
17	1 100	719B	864	2 590	4 450	9 800	6 780	3 460	1 740	1 430	2 490	1 250	17
18	1 080	671B	905	2 870	4 450	9 390	6 400	3 430	1 710	1 390	2 580	1 250	18
19	998	675B	925	3 110	4 510	9 120	6 000	3 350	1 660	1 340	2 460	1 100B	19
20	948	699B	951	3 350	4 650	8 770	5 690	3 240	1 640	1 270	2 290	950B	20
21	918	758B	996	3 650	4 820	8 590	5 470	3 120	1 630	1 250	2 160	900B	21
22	936	822B	1 020	4 000	4 940	8 620	5 230	3 000	1 640	1 240	2 110	872B	22
23	984	853	1 020	4 440	5 050	8 650	5 000	2 890	1 610	1 210	2 960	838B	23
24	1 010	865	1 010	4 820	5 210	8 620	4 840	2 810	1 560	1 160	3 180	800B	24
25	1 030	896	1 000	5 010	5 340	8 640	4 710	2 790	1 520	1 450	2 300	798B	25
26	1 010	902	1 010	5 290	5 400	8 770	4 660	2 750	1 470	1 860	1 870	820B	26
27	996	894	1 010	5 410	5 630	8 820	4 700	2 670	1 470	1 550	1 670	780B	27
28	985	892	1 020	5 250	6 170	8 670	4 690	2 540	1 500	1 720	1 500	744B	28
29	988		1 030	4 930	6 720	8 440	4 650	2 400	1 520	1 800	1 500	729B	29
30	965		1 030	4 590	7 040	8 230	4 630	2 250	1 510	1 950	1 530	720B	30
31	911B		1 070		7 390		4 580	2 190		1 910		738B	31
TOTAL	37 359	23 541	28 711	89 890	156 490	262 850	194 330	103 440	53 620	47 270	63 420	36 739	TOTAL
MEAN	1 210	841	926	3 000	5 050	8 760	6 270	3 340	1 790	1 520	2 110	1 190	MEAN
MAX	2 000	1 230	1 070	5 410	7 390	10 100	7 980	4 470	2 240	2 120	3 240	1 680	MAX
MIN	911	663	839	1 140	3 930	7 630	4 580	2 190	1 470	1 160	1 340	720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 010
MAXIMUM DAILY, 10 100 ON JUN 16
MINIMUM DAILY, 663B ON FEB 02
MAXIMUM INSTANTANEOUS,
10 100 AT 09:50 PST ON JUN 16

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 50 N
LONG 121 27 05 W
DRAINAGE AREA, 217 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 230 000	JUL	16 800 000
FEB	2 030 000	AUG	8 940 000
MAR	2 480 000	SEP	4 630 000
APR	7 770 000	OCT	4 080 000
MAY	13 500 000	NOV	5 480 000
JUN	22 700 000	DEC	3 170 000

TOTAL DISCHARGE, 94 800 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.419	---	3.460	3.720	5.864	7.808	7.904	6.013	4.511	4.004	4.321	4.029	1
2	4.265	---	3.450	3.844	5.742	8.046	7.784	5.931	4.497	3.955	4.214	3.981	2
3	4.144	3.177	3.448	3.942	5.693	8.487	7.690	5.889	4.522	3.934	4.126	3.965	3
4	4.028	3.213	3.444	4.046	5.722	8.822	7.635	5.851	4.565	4.509	4.087	4.182	4
5	3.978	3.338	3.430	4.187	5.868	8.781	7.615	5.805	4.596	4.259	4.038	4.167	5
6	3.986	3.409	3.424	4.305	6.053	8.592	7.567	5.714	4.555	4.074	3.958	4.078	6
7	3.968	3.488	3.445	4.420	6.152	8.415	7.572	5.612	4.469	3.986	3.912	4.023	7
8	3.952	3.492	3.470	4.522	6.344	8.073	7.522	5.512	4.397	3.945	3.901	4.043	8
9	3.927	3.448	3.452	4.552	6.547	7.877	7.487	5.465	4.349	3.935	4.510	4.076	9
10	3.927	3.538	3.453	4.589	6.548	7.772	7.487	5.461	4.315	3.984	5.263	4.074	10
11	3.872	3.800	3.436	4.560	6.429	7.726	7.454	5.452	4.299	3.936	5.171	4.032	11
12	3.812	3.665	3.421	4.566	6.319	7.754	7.431	5.413	4.276	4.038	4.797	3.966	12
13	3.770	3.595	3.412	4.526	6.242	7.975	7.400	5.382	4.266	4.287	5.091	3.929	13
14	3.724	3.486	3.405	4.499	6.208	8.547	7.345	5.366	4.236	4.192	4.711	3.887	14
15	3.724	3.381	3.402	4.554	6.144	8.859	7.316	5.379	4.222	4.087	4.469	3.879	15
16	3.706	3.322	3.420	4.676	6.073	8.952	7.352	5.400	4.232	4.033	4.458	3.837	16
17	3.679	---	3.434	4.843	5.998	8.814	7.280	5.408	4.234	3.984	4.768	3.820	17
18	3.663	---	3.483	5.027	6.000	8.610	7.078	5.385	4.208	3.949	4.834	3.818	18
19	3.578	---	3.505	5.188	6.035	8.476	6.864	5.336	4.167	3.902	4.748	3.685	19
20	3.528	---	3.531	5.335	6.118	8.298	6.697	5.271	4.151	3.838	4.625	3.608	20
21	3.498	3.286	3.576	5.523	6.208	8.210	6.574	5.193	4.150	3.819	4.533	3.523	21
22	3.516	3.385	3.602	5.735	6.278	8.224	6.436	5.116	4.151	3.813	4.500	3.571	22
23	3.564	3.420	3.601	5.994	6.340	8.239	6.309	5.038	4.127	3.785	5.076	3.562	23
24	3.590	3.434	3.587	6.209	6.427	8.224	6.223	4.988	4.083	3.741	5.225	3.456	24
25	3.607	3.474	3.585	6.317	6.500	8.234	6.148	4.971	4.059	3.972	4.636	3.393	25
26	3.586	3.480	3.591	6.470	6.532	8.298	6.120	4.950	4.020	4.316	4.330	3.452	26
27	3.576	3.472	3.587	6.539	6.662	8.327	6.144	4.896	4.013	4.081	4.175	3.506	27
28	3.565	3.468	3.598	6.450	6.956	8.250	6.138	4.807	4.045	4.216	4.045	3.478	28
29	3.568		3.606	6.274	7.249	8.137	6.118	4.705	4.060	4.276	4.045	3.457	29
30	3.545		3.606	6.080	7.418	8.030	6.107	4.599	4.051	4.388	4.064	3.388	30
31	---		3.645		7.601		6.076	4.555		4.357		3.352	31
MEAN	---	---	3.500	5.050	6.331	8.295	6.996	5.318	4.261	4.051	4.488	3.781	MEAN
MAX	---	---	3.645	6.539	7.601	8.952	7.904	6.013	4.596	4.509	5.263	4.182	MAX
MIN	---	---	3.402	3.720	5.693	7.726	6.076	4.555	4.013	3.741	3.901	3.352	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 3.177 ON FEB 03
MAXIMUM INSTANTANEOUS
8.984 AT 09:50 PST ON JUN 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 27.926 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 50 N
LONG 121 27 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

DRAINAGE AREA,
217 000 km²

FRASER RIVER AT MCBRIDE - STATION NO. 08KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.6B	29.6B	30.6B	36.8B	108	859	767	532	256	125	92.6	69.5B	1
2	50.0B	29.8B	30.4B	38.1B	113	797	721	471	232	122	86.2	68.0B	2
3	48.1B	30.4B	30.9B	39.9B	118	757	679	406	208	114	79.0B	67.1B	3
4	47.0B	31.0B	31.1B	41.7B	132	746	652	389	186	113	74.0B	66.2B	4
5	46.6B	31.2B	32.2B	43.0B	165	681	641	420	183	119	72.0B	65.8B	5
6	46.8B	31.0B	32.3B	44.6B	255	599	708	491	193	109	69.9B	65.7B	6
7	47.0B	30.8B	32.2B	46.1B	261	559	729	476	201	100	69.1B	65.7B	7
8	46.2B	30.5B	31.0B	47.9B	219	540	720	412	209	94.8	68.9B	65.8B	8
9	44.9B	30.4B	30.6B	49.5B	196	539	756	408	206	92.7	68.7B	65.9B	9
10	42.6B	30.8B	30.4B	51.0B	188	552	750	425	203	89.7	68.6B	65.7B	10
11	41.5B	30.7B	30.3B	52.5B	190	658	753	452	208	92.2	69.3B	65.0B	11
12	41.0B	30.4B	30.4B	53.5	194	761	850	483	209	90.9A	78.5B	64.4B	12
13	40.9B	30.0B	30.8B	54.5	186	672	924	498	183	87.8E	109 B	64.1B	13
14	40.8B	29.7B	31.1B	56.3	179	616	802	522	180	84.9E	108 B	64.4B	14
15	40.8B	29.1B	31.6B	62.5	176	614	678	522	194	82.4E	104 B	65.1B	15
16	39.9B	29.0B	31.9B	65.9	180	671	618	473	219	78.0E	96.0B	64.6B	16
17	38.5B	28.9B	32.0B	69.0	192	725	559	420	241	74.5E	90.0B	62.0B	17
18	37.7B	28.9B	32.1B	71.6	202	704	492	386	213	73.6E	83.2B	59.4B	18
19	37.5B	29.0B	32.2B	78.0	213	721	452	364	199	72.2E	80.3B	57.2B	19
20	37.4B	29.4B	32.2B	91.4	230	713	418	368	180	71.2E	79.1B	55.1B	20
21	37.3B	30.0B	32.0B	104	245	719	406	380	172	71.0E	75.5B	53.0B	21
22	36.9B	30.8B	31.4B	106	251	786	429	423	184	70.9E	73.2B	51.4B	22
23	35.9B	31.1B	31.1B	106	252	959	460	399	204	70.7A	71.8B	50.4B	23
24	34.9B	31.4B	31.0B	112	278	1 040	474	316	224	70.5	70.4B	50.2B	24
25	34.2B	31.6B	31.0B	115	340	966	494	267	221	82.1	70.0B	50.1B	25
26	33.6B	31.4B	31.3B	115	424	912	538	236	198	127	71.8B	50.2B	26
27	32.9B	31.2B	31.6B	115	487	840	561	221	167	125	71.9B	50.8B	27
28	32.0B	31.0B	32.3B	115	550	773	512	204	150	114	71.8B	51.2B	28
29	30.9B		33.2B	114	645	738	494	205	145	110	71.8B	51.0B	29
30	30.0B		34.2B	109	745	710	505	238	136	103	71.2B	50.8B	30
31	29.4B		35.3B		829		528	279		97.2		50.7B	31
TOTAL	1 235.8	849.1	980.9	2 207.2	8 743	21 927	19 070	12 086	5 904	2 928.3	2 365.8	1 846.5	TOTAL
MEAN	39.9	30.3	31.6	73.6	282	731	615	390	197	94.5	78.9	59.6	MEAN
MAX	52.6	31.6	35.3	115	829	1 040	924	532	256	127	109	69.5	MAX
MIN	29.4	28.9	30.3	36.8	108	539	406	204	136	70.5	68.6	50.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 220
MAXIMUM DAILY, 1 040 ON JUN 24
MINIMUM DAILY, 28.9B ON FEB 17
MINIMUM INSTANTANEOUS
MAXIMUM INSTANTANEOUS
1 070 AT 06:50 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 17 10 N
LONG 120 06 46 W
DRAINAGE AREA, 6 890 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	107 000	JUL	1 650 000
FEB	73 400	AUG	1 040 000
MAR	84 700	SEP	510 000
APR	191 000	OCT	253 000
MAY	755 000	NOV	204 000
JUN	1 890 000	DEC	160 000

TOTAL DISCHARGE, 6 920 000 dam³

FRASER RIVER AT MISSION - STATION NO. 08MH024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 400	1 200E	1 390	1 640	4 720	7 840	8 530	4 890E	2 490	1 800	2 630	2 520	1
2	2 270	1 190E	1 430	1 740	4 380	8 110	8 310	4 750E	2 430	1 740	2 470	2 440	2
3	2 030	1 250E	1 460	1 950	4 210	8 570	8 190	4 680	2 470	1 720	2 390	2 080	3
4	1 860	1 310	1 490	1 920	4 220	9 680	8 040	4 610	2 480	2 860	2 320	2 690	4
5	1 720	1 300	1 320	1 970	4 420	10 100	7 950	4 520	2 470	3 020	2 270	2 940	5
6	1 960	1 370	1 300	2 110	4 830	9 770	7 890	4 420	2 470	2 290	2 130	2 670	6
7	1 930	1 370	1 270	2 310	5 010	9 350	7 920	4 240	2 360	2 080	2 010	2 480	7
8	2 030	1 480	1 330	2 420	5 250	8 920	7 860	4 080	2 310	1 990	1 960	2 360	8
9	1 980	1 500E	1 310	2 520	5 670	8 420	7 750	3 940	2 250	1 890	2 890	2 520	9
10	2 120	2 280E	1 400	2 500	5 860	8 260	7 740	3 900	2 200	2 020	5 360	2 570	10
11	1 940	2 690E	1 430	2 510	5 750	8 210	7 720	3 890	2 180	1 950	6 040	2 460	11
12	1 790	2 060E	1 370	2 610	5 560	8 200	7 670	3 820	2 140	1 930	5 110	2 270	12
13	1 740E	1 820E	1 330	2 580	5 380	8 330	7 650	3 750	2 040	2 330	5 330	2 160	13
14	1 670E	1 620E	1 280	2 540	5 310	9 090	7 580	3 710	2 090	2 240	5 510	2 010	14
15	1 660	1 520	1 290	2 610	5 240	10 100	7 480	3 730	2 060	2 070	4 580	1 970	15
16	1 700	1 460	1 360	2 770	5 110	10 800	7 500	3 770	2 060	1 990	4 070	1 910	16
17	1 620	1 330	1 350	3 000	4 970	10 800	7 470	3 810	2 150	1 870	4 100	1 780	17
18	1 520	1 500B	1 420	3 210	4 910	10 200	7 190	3 830	2 080	1 890	4 150	1 900	18
19	1 430	1 270B	1 460	3 380	4 920	9 680	6 790	3 820	2 090	1 870	3 850	1 690	19
20	1 400	1 210B	1 500	3 590	5 020	9 460	6 260E	3 620	2 050	1 710	3 530	1 510B	20
21	1 350	1 300	1 560	3 820	5 240	9 280	6 020E	3 510	2 010	1 670	3 200	1 370B	21
22	1 440E	1 350	1 530	4 110	5 380	9 310	5 760E	3 400	2 020	1 720	3 120	1 310B	22
23	1 460E	1 390	1 500	4 500	5 540	9 420	5 500E	3 290	1 980	1 620	4 110	1 250B	23
24	1 480E	1 440	1 440	4 970	5 660	9 540	5 330E	3 160	1 930	1 590	6 090	1 190B	24
25	1 570E	1 380	1 430	5 240	5 810	9 550	5 180E	3 100	1 840	1 640	4 760	1 180B	25
26	1 480E	1 500	1 470	5 550	5 880	9 630	5 110E	3 050	1 790	2 600	3 780	1 190B	26
27	1 440E	1 450	1 480	5 720	6 020	9 750	5 140E	2 950	1 770	2 230	3 240	1 160B	27
28	1 490E	1 450	1 380	5 720	6 370	9 580	5 130E	2 820	1 800	2 410	2 870	1 090B	28
29	1 510		1 470	5 500	6 900	9 220	5 080E	2 670	1 780	2 470	2 720	1 050B	29
30	1 440		1 450	5 120	7 230	8 860	5 050E	2 550	1 780	2 690	2 740	1 030B	30
31	1 320E		1 530		7 510		4 990E	2 580		2 710		1 070B	31
TOTAL	52 740	41 990	43 630	100 030	168 280	278 030	211 780	114 760	63 570	64 610	109 330	57 780	TOTAL
MEAN	1 700	1 500	1 410	3 330	5 430	9 270	6 830	3 700	2 120	2 080	3 640	1 860	MEAN
MAX	2 400	2 690	1 560	5 720	7 510	10 800	8 530	4 890	2 490	3 020	6 090	2 940	MAX
MIN	1 320	1 190	1 270	1 640	4 210	7 840	4 990	2 550	1 770	1 590	1 960	1 030	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 580
MAXIMUM DAILY, 10 800 ON JUN 16
MINIMUM DAILY, 1 030B ON DEC 30
MAXIMUM INSTANTANEOUS,
11 100 AT 03:05 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 39 N
LONG 122 18 08 W
DRAINAGE AREA, 228 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 560 000	JUL	18 300 000
FEB	3 630 000	AUG	9 920 000
MAR	3 770 000	SEP	5 490 000
APR	8 640 000	OCT	5 580 000
MAY	14 500 000	NOV	9 450 000
JUN	24 000 000	DEC	4 990 000

TOTAL DISCHARGE, 113 000 000 dam³

REMARKS - DRAINAGE AREA INCLUDES 14 000 KM2 BEHIND KENNEY DAM. DISCHAR COMPUTED USING ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT MISSION - STATION NO. 08MH024

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.352	---	0.843	0.954	2.420	4.394	4.886	2.497	1.283	0.905	1.392	1.718	1
2	1.149	---	0.874	0.944	2.220	4.573	4.760	2.442	1.220	0.859	1.385	1.576	2
3	1.023	1.228	0.939	0.907	2.075	4.894	4.673	2.394	1.217	0.987	1.449	1.651	3
4	1.049	1.032	0.950	0.930	2.052	5.296	4.568	2.356	1.247	1.647	1.501	1.114	4
5	1.090	1.217	0.881	0.986	2.199	5.413	4.522	2.355	1.340	1.722	1.424	1.913	5
6	1.270	1.124	0.890	1.038	2.396	5.347	4.493	2.307	1.372	1.299	1.235	1.571	6
7	1.555	1.140	0.969	1.142	2.512	5.249	4.509	2.212	1.330	1.184	1.236	1.382	7
8	1.521	1.071	0.964	1.232	2.605	5.098	4.480	2.090	1.281	1.110	1.140	1.461	8
9	1.596	---	0.977	1.213	2.851	4.913	4.376	2.011	1.244	1.109	1.731	1.545	9
10	1.508	---	1.093	1.229	2.996	4.822	4.344	1.994	1.235	1.094	3.197	1.508	10
11	1.288	---	0.925	1.294	2.942	4.775	4.325	1.982	1.193	0.966	3.907	1.374	11
12	1.268	---	0.814	1.323	2.844	4.743	4.293	1.976	1.138	1.036	3.081	1.306	12
13	1.220	---	0.773	1.309	2.778	4.788	4.270	1.961	1.087	1.141	3.174	1.263	13
14	1.067	---	0.868	1.271	2.722	5.051	4.209	1.969	1.117	1.087	3.215	1.306	14
15	0.942	0.894	0.724	1.305	2.661	5.352	4.149	1.999	1.129	1.079	2.548	1.382	15
16	0.930	0.871	0.724	1.417	2.559	5.535	4.170	2.005	1.146	1.015	2.297	1.283	16
17	0.772	0.715	0.721	1.574	2.473	5.541	4.159	2.043	1.161	1.057	2.310	1.349	17
18	0.732	0.681	0.726	1.602	2.445	5.411	3.995	2.068	1.154	1.156	2.298	1.392	18
19	0.773	0.621	0.756	1.707	2.461	5.285	3.757	2.011	1.097	1.047	2.252	0.982	19
20	0.738	0.783	0.759	1.789	2.581	5.217	3.528	1.965	1.048	0.948	2.064	0.812	20
21	0.809	0.764	0.766	1.928	2.678	5.175	3.363	1.870	1.046	1.074	1.847	0.746	21
22	---	0.740	0.745	2.103	2.816	5.213	3.188	1.775	1.060	1.000	1.842	0.679	22
23	---	0.792	0.703	2.389	2.937	5.248	3.010	1.667	1.072	0.939	2.493	0.526	23
24	---	0.776	0.677	2.611	3.029	5.272	2.863	1.603	1.037	0.923	3.848	0.511	24
25	---	0.757	0.748	2.808	3.132	5.256	2.748	1.549	0.981	1.070	2.807	0.573	25
26	---	0.768	0.792	2.987	3.183	5.261	2.638	1.512	0.946	1.372	2.100	0.663	26
27	---	0.761	0.841	3.110	3.262	5.282	2.581	1.446	0.900	1.241	1.762	1.040	27
28	1.175	0.816	0.889	3.111	3.460	5.240	2.573	1.363	0.861	1.239	1.576	0.749	28
29	1.143		0.932	2.904	3.791	5.135	2.549	1.324	0.818	1.282	1.751	0.905	29
30	1.139		0.931	2.657	3.994	5.018	2.545	1.296	0.799	1.449	1.657	1.078	30
31	---		0.939		4.196		2.534	1.343		1.470		1.087	31
MEAN	---	---	0.843	1.726	2.815	5.127	3.776	1.916	1.119	1.145	2.151	1.208	MEAN
MAX	---	---	1.093	3.111	4.196	5.541	4.886	2.497	1.372	1.722	3.907	2.114	MAX
MIN	---	---	0.677	0.907	2.052	4.394	2.534	1.296	0.799	0.859	1.140	0.511	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MINIMUM DAILY, 0.511 ON DEC 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 39 N
LONG 122 18 08 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1952

DRAINAGE AREA,
228 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY .073 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES 14 000 KM2 BEHIND KENNEY DAM. DISCHAR COMPUTED USING ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT PORT MANN PUMPING STATION - STATION NO. 08MH126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 590	1 340E	1 550E	1 820	5 140	7 990E	8 900	5 130E	2 760	1 890	2 830	2 800E	1
2	2 740	1 400E	1 720	2 020	4 880	8 270E	8 670	4 970E	2 570	1 860	2 600E	2 780E	2
3	2 160	1 780E	1 940	2 050E	4 580	8 860E	8 340	4 860	2 550	1 780E	2 490	2 800E	3
4	2 150	1 910	1 830	2 110	4 420	9 850	8 400	4 790	2 620	3 500	2 360	3 790	4
5	1 830	1 450	1 720	2 150E	4 550E	10 200	8 180	4 710	2 590E	4 040	2 500	4 050	5
6	2 370	1 640	1 500	2 290E	5 010	9 920	8 370	4 810	2 610E	2 530	2 380	3 050	6
7	2 330	1 700E	1 490E	2 420E	5 200	9 860	8 390	4 510	2 460E	2 350	2 240	2 600	7
8	2 380	1 770	1 480	2 540E	5 350E	9 350	8 360	4 340	2 410	2 340	2 440	2 710	8
9	2 200E	1 850E	1 460E	2 630E	5 760E	8 920	8 200	4 060	2 340	2 070E	3 710	3 070	9
10	2 630	3 100E	1 530	2 610E	5 900E	8 940	8 100	4 170	2 260E	2 720	7 340	2 820	10
11	2 130E	3 130E	1 590	2 620E	5 770E	8 800	8 000	4 090	2 210E	2 060	10 100	2 620	11
12	1 900E	2 260E	1 450	2 710E	5 580	8 630	7 970	3 920	2 320	2 290	7 630	2 600E	12
13	1 850E	1 900E	1 410E	2 690E	5 470	8 680	8 120	3 980	2 120	2 570	7 310	2 470E	13
14	1 800E	1 780E	1 400	2 610	5 540	9 130	7 940	3 820	2 220	2 530	7 180	2 190E	14
15	1 760	1 700E	1 460	2 730E	5 460	10 100	7 800	4 090	2 360	2 200E	5 770	2 200E	15
16	1 890	1 740	1 600	2 890E	5 440	10 900	7 880	4 110	2 380	2 080E	4 930	2 120E	16
17	1 850	1 920	1 530	3 260	5 180	10 900	7 700	4 030	2 370	1 960E	4 880	2 220E	17
18	1 620	1 820B	1 540	3 510	5 170	10 300	7 530	4 090	2 260	1 980E	4 780	1 870E	18
19	1 580E	1 380B	1 910	3 480	5 040E	9 910	7 060	3 990	2 330	1 920	4 260	1 700E	19
20	1 520	1 280	1 870	3 750	5 140E	9 730	6 590E	3 760	2 260	1 820E	4 210		20
21	1 410	1 490	1 860	3 960E	5 340E	9 500	6 350E	3 680	2 140	1 770E	3 350	1 560B	21
22	1 750E	1 370	1 650	4 220E	5 500E	9 590	6 070E	3 700	2 030	1 870E	3 750	1 500B	22
23	1 630E	1 480	1 650E	4 660E	5 640E	9 850	5 820E	3 570	2 160	1 750E	5 390	1 430B	23
24	1 670E	1 670	1 610E	5 030	5 760E	9 930	5 600E	3 190	1 980	1 710E	8 820	1 360B	24
25	1 780E	1 580E	1 600E	5 340	5 920E	9 970	5 510E	3 280	1 890E	2 070	8 420	1 340B	25
26	1 580E	1 700E	1 650E	5 840	5 990E	9 880	5 390E	3 120	1 870E	3 350	4 790	1 380B	26
27	1 560E	1 600E	1 570E	5 900E	6 130	10 100	5 440E	3 030E	1 830	2 370	4 010	1 340B	27
28	1 670E	1 600E	1 550E	6 380	6 410	10 100	5 430E	2 850E	1 950	2 930	3 260	1 270B	28
29	1 890		1 640E	6 020	7 000	9 560	5 380E	2 670E	1 970	2 620	3 140	1 220B	29
30	1 500		1 600	5 690	7 280	9 250	5 350E	2 560	1 890	3 100	3 350	1 200B	30
31	1 410E		1 760		7 600		5 290E	3 020		3 030		1 210B	31
TOTAL	59 130	49 340	50 220	105 930	173 150	286 970	222 330	120 900	67 710	72 960	138 220	67 490	TOTAL
MEAN	1 910	1 760	1 620	3 530	5 590	9 570	7 170	3 900	2 260	2 350	4 610	2 180	MEAN
MAX	2 740	3 130	1 940	6 380	7 600	10 900	8 900	5 130	2 760	4 040	10 100	4 050	MAX
MIN	1 410	1 280	1 400	1 820	4 420	7 990	5 290	2 560	1 830	1 710	2 240	1 200	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 870
MAXIMUM DAILY, 10 900 ON JUN 16
MINIMUM DAILY, 1 200B ON DEC 30
MAXIMUM INSTANTANEOUS, 13 200 AT 07:15 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 04 N
LONG 122 49 37 W
DRAINAGE AREA, 232 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 110 000	JUL	19 200 000
FEB	4 260 000	AUG	10 400 000
MAR	4 340 000	SEP	5 850 000
APR	9 150 000	OCT	6 300 000
MAY	15 000 000	NOV	11 900 000
JUN	24 800 000	DEC	5 830 000

TOTAL DISCHARGE, 122 000 000 dam³

REMARKS - THIS STATION IS SUBJECT TO TIDAL EFFECT. DISCHARGES ARE COMPUTED USING A ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT QUESNEL - STATION NO. 08KE002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.550E	3.002E	3.266	3.740E	5.970E	8.282	6.963	5.528	4.233	3.733	4.124	3.544	1
2	4.220E	3.141	3.269	3.900E	5.965E	8.745	6.907	5.536	4.302	3.707	4.012	3.565	2
3	4.060E	3.199	3.257	4.160A	6.000E	8.862	6.918	5.523	4.443	3.678	3.921	3.612	3
4	3.860E	3.223	3.252	4.265A	6.040E	8.563	6.850	5.458	4.418	3.747	3.850	3.630	4
5	3.840E	3.213	3.248A	4.470E	6.100E	8.242	6.792	5.328	4.311	3.756	3.791	3.620	5
6	3.840E	3.227	3.230E	4.610E	6.220E	7.941	6.681	5.200	4.203	3.732	3.726	3.623	6
7	3.840E	3.276	3.220E	4.720E	6.450E	7.605	6.593	5.131	4.137	3.718	3.672	3.643	7
8	3.840E	3.309	3.190E	4.780E	6.760E	7.342	6.643	5.140	4.099	3.716	3.635	3.733	8
9	3.820E	3.336	3.170E	4.760E	6.511A	7.194	6.703	5.161	4.078	3.723	3.624	3.770	9
10	3.706A	3.346	3.150E	4.660E	6.218	7.165	6.689	5.140	4.076	3.805	3.631	3.725	10
11	3.668	3.340	3.140E	4.560E	6.047	7.288	6.684	5.081	4.061	4.279	3.612	3.692	11
12	3.597	3.306	3.130E	4.520E	6.000	7.958	6.638	5.056	4.053	4.246	3.609	3.708	12
13	3.567	3.277	3.130E	4.610E	5.947	8.488	6.607	5.081	4.030	4.129	3.653	3.694	13
14	3.552	3.226	3.135E	4.770E	5.846	8.717	6.681	5.143	4.015	4.035	3.677	3.638	14
15	3.545	3.206	3.140E	4.950E	5.752	8.636	6.720	5.179	4.008	4.017	4.247	3.615	15
16	3.561	3.185A	3.140E	5.200E	5.693	8.255	6.560	5.207	3.986	3.922	4.567	3.613	16
17	3.500	3.062A	3.140E	5.420E	5.698	7.932	6.287	5.181	3.938	3.829	4.532	3.560	17
18	3.468	3.173	3.200E	5.650E	5.762	7.761	6.076	5.119	3.932	3.760	4.346	3.472	18
19	3.442	3.209	3.300E	5.840E	5.892	7.600	5.949	5.032	3.972	3.695	4.256	3.260	19
20	3.435	3.228	3.360E	6.180E	5.999	7.472	5.822	4.941	4.020	3.653	4.122	3.287	20
21	3.407	3.209	3.380E	6.510E	6.075	7.420	5.709	4.836	4.005	3.650	3.948	3.255	21
22	3.413	3.230	3.390E	6.750E	6.191	7.384	5.610	4.746	3.926	3.640	3.847	3.266	22
23	3.401	3.258	3.400E	6.900E	6.327	7.397	5.542	4.716	3.869	3.635	3.745	3.347	23
24	3.381	3.243	3.390E	7.040E	6.309	7.511	5.526	4.724	3.833	3.639	3.591	3.357	24
25	3.395	3.265	3.375E	7.020E	6.304	7.658	5.579	4.737	3.835	3.650	3.494	3.442	25
26	3.425	3.276	3.360E	6.750E	6.470	7.665	5.627	4.675	3.881	3.806	3.386	3.474	26
27	3.431	3.274	3.310E	6.490A	6.744	7.547	5.652	4.514	3.920	4.090	3.348	3.505A	27
28	3.408	3.269	3.340E	6.280E	6.969	7.434	5.686	4.378	3.913	4.355	3.430	3.640E	28
29	3.399		3.360E	6.160E	7.172	7.283	5.705	4.278	3.863	4.406	3.503	4.100E	29
30	3.349A		3.450E	6.050E	7.443	7.110	5.648	4.223	3.798	4.385	3.521	5.258A	30
31	3.007E		3.560E		7.791		5.570	4.212		4.251		5.162	31
MEAN	3.611	3.232	3.270	5.391	6.280	7.815	6.246	4.974	4.039	3.883	3.814	3.671	MEAN
MAX	4.550	3.346	3.560	7.040	7.791	8.862	6.963	5.536	4.443	4.406	4.567	5.258	MAX
MIN	3.007	3.002	3.130	3.740	5.693	7.110	5.526	4.212	3.798	3.635	3.348	3.255	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 4.691
MAXIMUM DAILY, 8.862 ON JUN 03
MINIMUM DAILY, 3.002E ON FEB 01
MAXIMUM INSTANTANEOUS, 8.906 AT 06:55 PST ON JUN 03

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 461.772 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 26 N
LONG 122 29 52 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1952

DRAINAGE AREA, 97 900 km²

FRASER RIVER AT RED PASS - STATION NO. 08KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.56	7.34	6.05	5.92	18.7	212	177	99.5	53.5	25.9	18.1E	11.4 B	1
2	9.54	7.18	6.13	5.98	19.0	201	176	94.2	50.7	24.9	16.8E	11.1 B	2
3	9.52	7.21	5.99	6.31	19.8	185	178	86.1	47.8	24.5	15.9E	10.8 B	3
4	9.27	7.27	6.02	6.42	21.0	178	175	79.6	45.3	24.4	15.0E	10.7 B	4
5	9.19	7.26	6.07	6.44	23.8	166	164	78.1	42.7	23.9	14.6E	10.5 B	5
6	9.12	7.34	6.02	6.58	31.7	148	165	80.6	40.6	23.2	13.9E	10.4 E	6
7	9.43	7.36	6.09	6.75	38.7	134	179	83.6	39.7	22.5	13.8E	10.3 E	7
8	9.34	7.17	6.32	7.00	40.1	127	180	80.7	39.4	21.8	13.8E	10.3 E	8
9	9.44	7.21	6.13	6.94	39.5	124	178	78.5	39.4	21.0	13.9E	10.3 E	9
10	9.49	7.32	6.29	6.99	38.0	124	178	77.6	38.9	20.4	14.6E	10.4 E	10
11	9.25	7.50	6.28	6.91	37.1	138	175	77.5	38.7	20.3	15.3E	10.3 E	11
12	8.89	7.24	6.19	6.90	36.9	147	183	77.9	38.2	19.9	17.1E	10.3 E	12
13	8.64	7.10	6.10	7.00	36.2	144	196	80.0	36.3	19.1	22.8E	10.2 E	13
14	8.66	6.95	5.86	7.24	34.8	138	188	83.9	34.6	18.8	22.9E	10.1 E	14
15	8.84	6.85	5.87	7.56	33.5	135	164	85.7	34.7	18.0	22.7E	10.0 E	15
16	8.76	6.73	6.00	7.57	33.8	140	147	82.4	37.7	17.2	21.6E	9.98E	16
17	8.30	6.62B	6.16	7.67	35.3	157	135	78.7	47.1	16.5	19.7E	9.78E	17
18	8.27	6.50	6.04	8.53	36.7	162	119	73.3	47.4	16.6	17.3E	9.50E	18
19	7.86	6.46	5.96	9.42	39.2	168	111	69.3	45.3	15.9	15.8E	9.12E	19
20	7.74	6.50	6.00	11.0	42.2	172	100	66.6	41.2	16.0	14.6E	8.86E	20
21	8.15	6.43	6.03	12.8	45.0	175	91.8	64.8	37.5	15.9	13.9E	8.58B	21
22	8.01	6.43	5.88	14.9	48.4	185	90.6	67.7	36.5	15.5	13.3E	8.45B	22
23	8.34	6.49	5.57	17.1	49.9	219	92.5	73.4	36.0	14.9	12.7E	8.42B	23
24	8.07	6.35	5.75	18.9	52.9	254	96.3	71.6	36.9	15.1	12.3E	8.40B	24
25	7.99	6.32	5.62	20.2	65.7	256	100	64.3	36.2	17.0A	12.2B	8.42B	25
26	8.14	6.26	5.58	21.3	82.2	236	104	58.2	35.5	30.4E	12.1B	8.45E	26
27	8.09	6.38	5.83	21.8	102	216	109	52.2	33.7	30.0E	12.1B	8.47E	27
28	8.11	6.03	5.72	21.4	120	199	108	47.6	31.3	28.6E	12.0B	8.50E	28
29	7.96		5.53	20.0	139	185	103	44.7	29.1	24.8E	11.9B	8.47E	29
30	7.74		5.53	19.2	168	174	99.3	46.0	27.4	21.8E	11.7B	8.41E	30
31	7.57		5.76		202		99.7	53.7		20.0E		8.38E	31
TOTAL	267.30	191.80	184.37	332.73	1 733.7	5 199	4 362.2	2 258.0	1 179.3	644.8	464.4	297.29	TOTAL
MEAN	8.62	6.85	5.95	11.1	55.9	173	141	72.8	39.3	20.8	15.5	9.59	MEAN
MAX	9.56	7.50	6.32	21.8	202	256	196	99.5	53.5	30.4	22.9	11.4	MAX
MIN	7.57	6.03	5.53	5.92	18.7	124	90.6	44.7	27.4	14.9	11.7	8.38	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.9
MAXIMUM DAILY, 256 ON JUN 25
MINIMUM DAILY, 5.53 ON MAR 29
MAXIMUM INSTANTANEOUS,
263 AT 01:00 PST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 55 N
LONG 119 00 15 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 100	JUL	377 000
FEB	16 600	AUG	195 000
MAR	15 900	SEP	102 000
APR	28 700	OCT	55 700
MAY	150 000	NOV	40 100
JUN	449 000	DEC	25 700

TOTAL DISCHARGE, 1 480 000 dam³

FRASER RIVER AT SHELLEY - STATION NO. 08KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	405B	194B	167B	251B	1 210	4 450	2 320	1 160	533	360	541	305B	1
2	386B	188B	168B	274B	1 240	4 800	2 350	1 170	642	346	487	293B	2
3	364B	187B	169B	293B	1 300	4 500	2 280	1 150	666	364	443	288B	3
4	357B	188B	171B	323B	1 450	3 990	2 210	1 070	603	369	415	285B	4
5	359B	193B	172B	348B	1 640	3 590	2 130	966	541	358	392	283B	5
6	371B	192B	171B	396B	1 950	3 210	2 010	917	502	353	364	284B	6
7	378B	189B	170B	440B	2 200	2 880	2 040	949	478	343	341	286B	7
8	364B	188B	169B	474B	2 110	2 670	2 110	990	472	350	340B	292B	8
9	344B	189B	168B	495B	1 860	2 590	2 100	969	478	362	335B	291B	9
10	329B	187B	168B	518B	1 650	2 610	2 110	890	478	596	329B	288B	10
11	314B	188B	168B	540B	1 590	2 710	2 100	855	474	660	317B	285B	11
12	310B	187B	168B	574B	1 570	3 220	2 070	879	468	591	289B	281B	12
13	302B	181B	169B	610B	1 500	3 920	2 130	931	459	522	290B	279B	13
14	294B	179B	169B	670B	1 420	4 100	2 250	978	458	518	335B	278B	14
15	285B	177B	169B	755B	1 370	3 690	2 160	1 030	450	474	594B	278B	15
16	276B	176B	170B	926	1 350	3 260	1 920	1 040	435	427	581B	277B	16
17	272B	176B	170B	1 020	1 400	3 080	1 690	1 020	434	390	563B	271B	17
18	271B	177B	169B	1 090	1 510	2 950	1 550	967	455	362	520B	263B	18
19	270B	178B	170B	1 220	1 640	2 800	1 410	899	487	341	444B	251B	19
20	272B	179B	173B	1 470	1 710	2 730	1 290	830	485	332	400B	246B	20
21	269B	178B	177B	1 720	1 790	2 730	1 200	774	448	333	365B	241B	21
22	260B	178B	179B	1 880	1 930	2 750	1 130	752	419	330	350B	238B	22
23	253B	177B	182B	1 950	1 930	2 850	1 110	772	398	332	339B	237B	23
24	243B	176B	181B	2 010	1 900	3 040	1 120	799	399	334	337B	238B	24
25	235B	173B	184B	2 110	1 970	3 110	1 170	790	426	368	335B	238B	25
26	233B	169B	185B	1 990	2 210	3 020	1 210	690	449	504	327B	239B	26
27	227B	168B	188B	1 790	2 460	2 910	1 240	598	456	693	319B	240B	27
28	219B	167B	192B	1 580	2 660	2 780	1 270	539	432	776	316B	240B	28
29	213B		197B	1 410	2 820	2 600	1 250	506	398	777	312B	239B	29
30	206B		204B	1 270	3 080	2 420	1 190	490	371	707	311B	238B	30
31	199B		219B		3 610		1 140	492		614		237B	31
TOTAL	9 080	5 078	5 477	30 397	58 030	95 960	53 260	26 862	14 194	14 196	11 631	8 229	TOTAL
MEAN	293	181	177	1 010	1 870	3 200	1 720	867	473	458	388	265	MEAN
MAX	405	194	219	2 110	3 610	4 800	2 350	1 170	666	777	594	305	MAX
MIN	199	167	167	251	1 210	2 420	1 110	490	371	330	289	237	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 911
MAXIMUM DAILY, 4 800 ON JUN 02
MINIMUM DAILY, 167B ON FEB 28
MAXIMUM INSTANTANEOUS,
4 840 AT 12:27 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 40 N
LONG 122 37 00 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	785 000	JUL	4 600 000
FEB	439 000	AUG	2 320 000
MAR	473 000	SEP	1 230 000
APR	2 630 000	OCT	1 230 000
MAY	5 010 000	NOV	1 000 000
JUN	8 290 000	DEC	711 000

TOTAL DISCHARGE, 28 700 000 dam³

FRASER RIVER AT SOUTH FORT GEORGE - STATION NO. 08KE018

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.773	3.383	3.467	3.926	6.225	9.453	7.515	6.188	4.633	3.954	4.372	3.622	1
2	4.495	3.442	3.453	4.163	6.236	9.860	7.547	6.215	4.841	3.917	4.225	3.655	2
3	4.369	3.409	3.428	4.407	6.304	9.710	7.494	6.193	4.906	3.969	4.125	3.697	3
4	4.116	3.398	3.424	4.624	6.469	9.205	7.397	6.067	4.779	3.987	4.041	3.724	4
5	4.135	3.452	3.417	4.779	6.683	8.818	7.303	5.894	4.629	3.948	3.966	3.692	5
6	4.111	3.493	3.413	4.867	7.040	8.431	7.152	5.772	4.515	3.927	3.876	3.712	6
7	4.140	3.519	3.410	4.917	7.401	8.058	7.159	5.752	4.452	3.928	3.794	3.863	7
8	4.147	3.542	3.406	5.090	7.318	7.805	7.266	5.789	4.426	3.912	3.769	3.934	8
9	4.139	3.580	3.395	5.009	6.982	7.705	7.287	5.801	4.430	3.925	3.796	3.891	9
10	4.089	3.549	3.400	4.932	6.661	7.719	7.285	5.753	4.427	4.520	3.765	3.814	10
11	3.945	3.531	3.373	4.835	6.538	7.820	7.281	5.690	4.411	4.696	3.708	3.829	11
12	3.859	3.513	3.385	4.765	6.514	8.336	7.231	5.701	4.389	4.550	3.356	3.933	12
13	3.817	3.531	3.388	4.806	6.431	9.039	7.268	5.785	4.362	4.366	3.361	3.708	13
14	3.808	3.798	3.384	4.829	6.316	9.329	7.435	5.858	4.350	4.360	4.173	3.643	14
15	3.852	4.247	3.387	5.017	6.229	9.063	7.370	5.915	4.331	4.258	4.933	3.667	15
16	3.822	4.840	3.399	5.337	6.199	8.584	7.095	5.900	4.282	4.125	5.046	3.560	16
17	3.728	4.779	3.403	5.576	6.240	8.362	6.793	5.836	4.264	4.005	4.795	3.507	17
18	3.659	4.689	3.440	5.730	6.370	8.219	6.613	5.721	4.313	3.913	4.629	3.480	18
19	3.602	4.578	3.495	5.967	6.541	8.054	6.455	5.607	4.389	3.838	4.498	3.373	19
20	3.575	4.480	3.569	6.366	6.636	7.966	6.312	5.470	4.384	3.824	4.246	3.408	20
21	3.572	4.378	3.632	6.758	6.724	7.946	6.193	5.339	4.285	3.821	4.098	4.651	21
22	3.630	4.181	3.680	7.047	6.924	7.959	6.100	5.272	4.189	3.804	3.930	4.900	22
23	3.644	3.955	3.699	7.182	6.965	8.054	6.067	5.270	4.133	3.818	3.752	4.800	23
24	3.646	3.734	3.673	7.286	6.900	8.238	6.109	5.293	4.118	3.822	3.569	4.726	24
25	3.744	3.565	3.639	7.443	6.961	8.354	6.202	5.281	4.190	3.895	3.442	4.681	25
26	3.719	3.499	3.606	7.303	7.268	8.289	6.258	5.096	4.257	4.262	3.350	4.688	26
27	3.676	3.472	3.572	7.015	7.594	8.152	6.309	4.880	4.274	4.672	3.375	4.676	27
28	3.654	3.464	3.564	6.740	7.838	8.017	6.357	4.723	4.208	4.877	3.444	4.577	28
29	3.615		3.574	6.507	8.004	7.819	6.350	4.629	4.108	4.869	3.516	4.503	29
30	3.519		3.628	6.334	8.252	7.633	6.279	4.575	4.003	4.754	3.592	4.510	30
31	3.403		3.736		8.733		6.187	4.559		4.545		4.515	31
MEAN	3.871	3.821	3.498	5.652	6.887	8.400	6.828	5.543	4.376	4.163	3.951	4.026	MEAN
MAX	4.773	4.840	3.736	7.443	8.733	9.860	7.547	6.215	4.906	4.877	5.046	4.900	MAX
MIN	3.403	3.383	3.373	3.926	6.199	7.633	6.067	4.559	4.003	3.804	3.350	3.373	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 5.089
MAXIMUM DAILY, 9.860 ON JUN 02
MINIMUM DAILY, 3.350 ON NOV 26
MAXIMUM INSTANTANEOUS,
9.901 AT 18:52 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 54 04 N
LONG 122 44 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1952
DRAINAGE AREA,
79 500 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 557.784 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

FRASER RIVER NEAR AGASSIZ - STATION NO. 08MF035

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.166	2.315	2.347	2.556	4.349	5.784	5.787	4.455	3.419	2.969	3.218	3.005	1
2	3.044	2.193	2.342	2.649	4.242	5.965	5.695	4.401	3.398	2.935	3.147	2.952	2
3	2.941	2.161	2.336	2.748	4.193	6.239	5.626	4.369	3.408	2.910	3.065	2.939	3
4	2.844	2.174	2.329	2.820	4.214	6.500	5.588	4.344	3.429	2.943	3.046	3.155	4
5	2.794	2.258	2.318	2.936	4.322	6.494	5.568	4.311	3.468	3.275	3.015	3.140	5
6	2.824	2.313	2.321	3.036	4.463	6.330	5.546	4.258	3.445	3.049	2.937	3.056	6
7	2.805	2.358	2.337	3.136	4.530	6.193	5.556	4.186	3.377	2.961	2.892	2.999	7
8	2.797	2.393	2.361	3.221	4.659	6.014	5.519	4.115	3.323	2.914	2.888	3.009	8
9	2.781	2.352	2.352	3.261	4.827	5.838	5.481	4.079	3.276	2.903	3.441	3.055	9
10	2.782	2.479	2.353	3.281	4.854	5.764	5.472	4.074	3.246	2.951	4.202	3.042	10
11	2.719	2.787	2.334	3.272	4.773	5.726	5.459	4.066	3.234	2.914	4.103	2.996	11
12	2.677	2.611	2.315	3.275	4.684	5.744	5.439	4.043	3.212	2.974	3.719	2.934	12
13	2.635	2.521	2.312	3.245	4.619	5.891	5.414	4.018	3.211	3.189	3.960	2.893	13
14	2.594	2.429	2.307	3.217	4.589	6.248	5.367	4.000	3.185	3.124	3.675	2.851	14
15	2.579	2.336	2.294	3.260	4.554	6.512	5.339	4.003	3.176	3.042	3.421	2.847	15
16	2.565	2.272	2.312	3.358	4.501	6.619	5.371	4.023	3.179	2.981	3.367	2.806	16
17	2.542	2.292	2.321	3.501	4.454	6.530	5.334	4.032	3.182	2.948	3.571	2.796	17
18	2.527	2.396	2.373	3.646	4.450	6.348	5.203	4.033	3.160	2.925	3.632	2.825	18
19	2.462	2.179	2.393	3.760	4.464	6.214	5.048	3.991	3.130	2.888	3.577	2.722	19
20	2.413	2.143	2.420	3.871	4.517	6.138	4.913	3.949	3.115	2.824	3.468	2.709	20
21	2.391	2.230	2.462	4.013	4.590	6.072	4.819	3.896	3.116	2.802	3.395	2.499	21
22	2.403	2.278	2.480	4.170	4.648	6.064	4.725	3.846	3.108	2.804	3.403	2.467	22
23	2.435	2.312	2.480	4.381	4.693	6.071	4.641	3.796	3.093	2.766	3.855	2.394	23
24	2.456	2.323	2.458	4.568	4.755	6.072	4.570	3.750	3.060	2.723	4.171	2.457	24
25	2.485	2.370	2.448	4.651	4.823	6.073	4.527	3.738	3.024	2.850	3.597	2.416	25
26	2.473	2.375	2.455	4.767	4.844	6.104	4.508	3.721	2.983	3.287	3.323	2.424	26
27	2.458	2.361	2.452	4.828	4.927	6.125	4.516	3.692	2.979	3.041	3.165	2.477	27
28	2.454	2.362	2.451	4.778	5.133	6.068	4.524	3.641	2.994	3.141	3.043	2.513	28
29	2.456		2.458	4.651	5.362	5.989	4.515	3.560	3.007	3.173	3.024	2.485	29
30	2.442		2.459	4.507	5.491	5.898	4.508	3.488	3.004	3.272	3.038	2.468	30
31	2.397		2.495		5.636		4.491	3.455		3.246		2.413	31
MEAN	2.624	2.338	2.383	3.645	4.682	6.121	5.131	3.978	3.198	3.007	3.412	2.766	MEAN
MAX	3.166	2.787	2.495	4.828	5.636	6.619	5.787	4.455	3.468	3.443	4.202	3.155	MAX
MIN	2.391	2.143	2.294	2.556	4.193	5.726	4.491	3.455	2.979	2.723	2.888	2.394	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 3.612
MAXIMUM DAILY, 6.619 ON JUN 16
MINIMUM DAILY, 2.143 ON FEB 20
MAXIMUM INSTANTANEOUS,
6.632 AT 10:04 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 16 N
LONG 121 46 35 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1952
DRAINAGE AREA,
218 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 10.293 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

FRASER RIVER NEAR MARGUERITE - STATION NO. 08MC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 060	303	360B	683	2 440	4 890	3 580	2 020	949	617	863	569	1
2	926	320B	355B	769	2 380	5 520	3 500	2 010	992	597	779	564	2
3	818	400B	350B	903	2 390	5 790	3 510	2 020	1 070	577	728	594	3
4	765	420B	350B	1 010	2 450	5 580	3 460	1 980	1 100	604	690	585	4
5	686	440B	345B	1 110	2 630	5 170	3 390	1 870	1 020	620	655	568	5
6	688	420B	350B	1 200	2 860	4 820	3 280	1 740	950	611	622	565	6
7	686	400B	355B	1 260	3 200	4 480	3 180	1 660	885	597	593	569	7
8	688	400B	350B	1 300	3 340	4 100	3 200	1 650	855	598	573	606	8
9	685	420B	350B	1 340	3 200	3 870	3 260	1 670	838	599	556	614	9
10	673	440B	355B	1 280	2 910	3 810	3 250	1 660	835	625	559	592	10
11	653	405B	360B	1 230	2 700	3 880	3 250	1 610	825	849	557	567	11
12	607	380B	360B	1 190	2 630	4 480	3 200	1 580	810	930	565	565	12
13	600	340B	355B	1 170	2 590	5 170	3 140	1 590	793	860	632	565	13
14	582	330B	355B	1 220	2 480	5 500	3 200	1 650	777	771	658	547	14
15	565	350B	360B	1 330	2 390	5 490	3 270	1 690	770	757	860	515	15
16	570	330B	365B	1 490	2 340	5 080	3 140	1 730	762	715	1 160	506	16
17	542	310B	370B	1 700	2 330	4 690	2 870	1 710	734	668	1 200	484	17
18	510	315B	380B	1 870	2 380	4 520	2 630	1 650	724	634	1 080	445	18
19	491	350B	390B	2 010	2 490	4 370	2 490	1 570	735	600	991	345	19
20	499	362B	400B	2 250	2 610	4 230	2 360	1 500	758	577	920	325	20
21	504	360B	400B	2 600	2 690	4 090	2 240	1 410	762	569	798	290B	21
22	516	355B	400B	2 920	2 800	4 040	2 140	1 340	729	563	742	285B	22
23	513	370B	405B	3 120	2 960	4 040	2 060	1 300	697	558	692	280B	23
24	501	370B	410B	3 330	2 970	4 140	2 020	1 300	671	560	633	275B	24
25	498	365B	420B	3 570	2 940	4 290	2 060	1 310	663	562	542	270B	25
26	507	370B	440B	3 550	3 080	4 310	2 110	1 290	679	619	502	265B	26
27	509	370B	460B	3 340	3 350	4 220	2 140	1 190	699	773	471	260B	27
28	495	365B	480B	3 070	3 590	4 100	2 160	1 080	708	935	500	270B	28
29	479		520B	2 810	3 800	3 940	2 190	999	687	1 030	520	280B	29
30	433		573	2 590	4 050	3 750	2 150	954	654	1 030	552	300B	30
31	306		619		4 390		2 080	932		963		320B	31
TOTAL	18 555	10 360	12 342	57 215	89 360	136 360	86 510	47 665	24 131	21 568	21 193	13 785	TOTAL
MEAN	599	370	398	1 910	2 880	4 550	2 790	1 540	804	696	706	445	MEAN
MAX	1 060	440	619	3 570	4 390	5 790	3 580	2 020	1 100	1 030	1 200	614	MAX
MIN	306	303	345	683	2 330	3 750	2 020	932	654	558	471	260	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 480
MAXIMUM DAILY, 5 790 ON JUN 03
MINIMUM DAILY, 260B ON DEC 27
MAXIMUM INSTANTANEOUS,
5 840 AT 14:45 PST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 31 48 N
LONG 122 26 32 W
DRAINAGE AREA, 114 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 600 000	JUL	7 470 000
FEB	895 000	AUG	4 120 000
MAR	1 070 000	SEP	2 080 000
APR	4 940 000	OCT	1 860 000
MAY	7 720 000	NOV	1 830 000
JUN	11 800 000	DEC	1 190 000

TOTAL DISCHARGE, 46 600 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

FRENCH CREEK ABOVE PUMPHOUSE - STATION NO. 08HB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.29	0.612	0.286	0.191	0.009	0.031E	---	---	---	1
2	---	---	---	1.39	0.612	0.268	0.191	0.018	0.028	---	---	---	2
3	---	---	---	1.27	0.553	0.344	0.133	0.018	0.028	---	---	---	3
4	---	---	---	1.04	0.553	0.887	0.124	0.015	0.020	---	---	---	4
5	---	---	---	1.03	0.548	0.709	0.124	0.014	0.020	---	---	---	5
6	---	---	---	1.01	0.539	0.562	0.124	0.017	0.010	---	---	---	6
7	---	---	---	0.989	0.367	0.597	0.108	0.014E	0.010	---	---	---	7
8	---	---	---	0.967	0.344	0.597	0.094	0.013E	0.017	---	---	---	8
9	---	---	---	0.974	0.515	0.538	0.086	0.012E	0.017	---	---	---	9
10	---	---	---	0.838	0.424	0.779	0.085	0.011E	0.027	---	---	---	10
11	---	---	---	0.899	0.515	0.779	0.075	0.010E	0.018	---	---	---	11
12	---	---	---	0.982	0.387	0.664	0.069	0.010E	0.019	---	---	---	12
13	---	---	---	0.779	0.391	0.562	0.064	0.009E	0.020	---	---	---	13
14	---	---	---	0.809	0.403	0.506	0.053	0.009	0.019	---	---	---	14
15	---	---	---	0.779	0.364	0.451	0.054	0.015E	0.019	---	---	---	15
16	---	---	---	0.906	0.383	0.391	0.049	0.017E	0.023	---	---	---	16
17	---	---	---	0.967	0.416	0.332	0.034	0.021E	0.028	---	---	---	17
18	---	---	---	0.899	0.408	0.332	0.044	0.024	0.022	---	---	---	18
19	---	---	---	0.809	0.408	0.261	0.040	0.020	0.021E	---	---	---	19
20	---	---	1.83	0.838	0.403	0.225	0.037	0.014E	0.020	---	---	---	20
21	---	---	---	0.791	0.352	0.195	0.031	0.007	0.019E	---	---	---	21
22	---	---	---	0.720	0.442	0.165	0.026	0.015	0.017	---	---	---	22
23	---	---	---	1.03	0.460	0.149	0.020	0.015	0.017	---	---	---	23
24	---	---	---	1.77	0.408	0.126	0.015	0.016E	0.016	---	---	---	24
25	---	---	---	1.20	0.408	0.165	0.017	0.016	0.018	---	---	---	25
26	---	---	---	1.03	0.408	0.123	0.015	0.018	0.015	---	---	---	26
27	---	---	0.974	0.899	0.412	0.105	0.015	0.018	0.027	---	---	---	27
28	---	---	---	0.899	0.348	0.146	0.014	0.015	0.027	---	---	---	28
29	---	---	---	0.779	0.287	0.198	0.020	0.015	0.027	---	---	---	29
30	---		---	0.664	0.232	0.286	0.026	0.035	0.025	---	---	---	30
31	---		---		0.232		0.021	0.034		---		---	31
TOTAL	---	---	---	29.247	13.334	11.728	1.999	0.494	0.625	---	---	---	TOTAL
MEAN	---	---	---	0.975	0.430	0.391	0.065	0.016	0.021	---	---	---	MEAN
MAX	---	---	---	1.77	0.612	0.887	0.191	0.035	0.031	---	---	---	MAX
MIN	---	---	---	0.664	0.232	0.105	0.014	0.007	0.010	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.007 ON AUG 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 20 24 N
LONG 124 22 29 W
DRAINAGE AREA, 86.6 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	173
FEB	---	AUG	42.7
MAR	---	SEP	54.0
APR	2 530	OCT	---
MAY	1 150	NOV	---
JUN	1 010	DEC	---

FRY CREEK BELOW CARNEY CREEK - STATION NO. 08NH130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.66	2.78B	2.69	6.34	18.2	69.3	111	41.3	18.4	6.50	8.32	7.69	1
2	4.70	2.80B	2.70	8.95	17.2	59.1	80.5	37.4	16.2	6.36	8.45	7.45	2
3	4.76	3.10B	2.77	10.6	16.3	54.1	88.5	31.8	15.8	7.34	8.50	6.80	3
4	4.72	3.21B	2.72	10.6	16.1	56.5	62.9	30.4	14.7	22.6	8.32	7.06	4
5	4.76	3.12B	2.64	10.8	15.9	49.3	67.7	31.8	14.3	20.9	7.64	6.82	5
6	4.72	3.04B	2.73	11.7	17.4	45.6	84.3	32.7	13.9	13.4	7.06	5.60	6
7	4.68	2.96B	2.74	12.1	28.7	47.3	77.5	33.1	13.6	11.2	7.24	6.09	7
8	4.66	2.92B	2.75	12.7	49.3	47.5	71.4	29.5	13.0	10.0	6.70	6.19	8
9	4.70	3.08B	2.69	12.9	40.6	43.3	79.5	27.1	12.9	9.88	6.71	5.95	9
10	4.88	3.35B	2.74	12.8	32.2	84.9	85.5	27.2	13.0	9.82	7.63	4.50A	10
11	3.96	3.80	2.77	12.8	27.7	110	92.4	29.4	12.8	8.86	16.2	4.38E	11
12	3.47	3.85	2.74	12.9	25.3	64.2	102	29.2	12.7	8.81	15.1	4.35E	12
13	3.56	3.59	2.66	12.5	24.4	48.1	107	29.0	11.3	8.74	15.5	4.40E	13
14	3.69	3.30B	2.67	12.3	24.7	41.7	86.7	28.5	10.2	8.43	16.6	4.70E	14
15	3.72	3.10B	2.67	12.1	24.4	42.5	70.1	26.8	10.2	8.12	14.7	4.80E	15
16	3.56	2.94B	2.63	12.5	24.0	53.1	63.6	23.9	11.6	8.02	13.8	4.60E	16
17	3.53	2.90B	2.65	14.0	23.7	67.3	57.0	21.4	9.78	7.65	12.3	3.98B	17
18	3.28	2.82B	2.73	16.2	24.0	75.3	49.4	21.3	8.75	7.60	11.8	3.55B	18
19	3.20B	2.84B	2.83	19.8	24.6	70.9	45.9	20.5	8.33	7.31	11.0	3.16B	19
20	3.21B	2.95B	2.79	24.2	26.0	91.7	43.2	20.9	7.90	7.13	10.3	2.83B	20
21	3.28B	3.20B	2.86	25.8	25.4	93.5	42.0	21.6	8.00	7.18	9.67	2.66B	21
22	3.40B	3.45B	2.89	27.3	25.7	104	43.0	23.1	8.28	6.97	8.99	2.60B	22
23	3.52B	3.42B	2.95	28.6	35.0	132	42.5	25.9	8.52	6.83	10.0	2.88B	23
24	3.60B	3.38B	2.78B	28.5	52.1	136	44.9	19.1	8.58	6.73	12.9	3.03B	24
25	3.62B	3.36	2.87B	26.3	54.9	148	52.3	19.1	8.67	6.91	11.6	3.14B	25
26	3.45B	3.11	3.12	24.6	44.9	134	48.6	18.8	7.81	8.71	10.5	3.18B	26
27	3.26B	2.89	3.15	22.9	32.4	116	53.2	15.6	7.31	8.20	9.33	3.20B	27
28	3.08B	2.74	3.16	21.4	27.5	91.2	45.4	14.0	7.52	7.87	8.80	2.81B	28
29	2.94B		3.23	20.5	100	86.1	44.4	14.3	7.14	8.42	8.22	2.70B	29
30	2.85B		3.55	19.2	83.5	112	43.8	20.4	6.99	8.68	7.77	3.00B	30
31	2.80B		4.58		80.0		45.4	20.1		8.33		3.13B	31
TOTAL	118.22	88.00	89.35	503.89	1 132.1	2 374.5	2 030.6	785.2	327.78	283.50	311.65	137.23	TOTAL
MEAN	3.81	3.14	2.88	16.8	36.5	79.2	65.5	25.3	10.9	9.15	10.4	4.43	MEAN
MAX	4.88	3.85	4.58	28.6	100	148	111	41.3	18.4	22.6	16.6	7.69	MAX
MIN	2.80	2.74	2.63	6.34	15.9	41.7	42.0	14.0	6.99	6.36	6.70	2.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.4
MAXIMUM DAILY, 148 ON JUN 25
MINIMUM DAILY, 2.60B ON DEC 22
MAXIMUM INSTANTANEOUS,
165 AT 03:08 MST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 53 N
LONG 116 47 05 W
DRAINAGE AREA, 461 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	175 000
FEB	7 600	AUG	67 800
MAR	7 720	SEP	28 100
APR	43 500	OCT	24 500
MAY	97 800	NOV	26 900
JUN	205 000	DEC	11 900

TOTAL DISCHARGE, 706 000 dam³

FULFORD CREEK ON SALTSPRING ISLAND - STATION NO. 08HA055

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.131	0.185	0.212	0.031	0.013	0.010	0.007	---	---	1
2	---	---	---	0.128	0.153	0.173	0.032	0.013	0.008	---	---	---	2
3	---	---	---	0.128	0.145	0.244	0.031	0.012	0.010	---	---	---	3
4	---	---	---	0.124	0.135	0.186	0.032	0.012	0.012	---	---	---	4
5	---	---	---	0.124	0.115	0.212	0.032	0.012	0.012	---	---	---	5
6	---	---	---	0.121	0.102	0.191	0.031	0.010	0.012	---	---	---	6
7	---	---	---	0.118	0.099	0.165	0.027	0.010	0.012	---	---	---	7
8	---	---	---	0.115	0.096	0.191	0.024	0.010	0.010	---	---	---	8
9	---	---	---	0.112	0.088	0.244	0.029	0.010	0.010	---	---	---	9
10	---	---	---	0.109	0.086	0.239	0.026	0.010	0.010	---	---	---	10
11	---	---	---	0.099	0.083	0.212	0.026	0.008	0.012	---	---	---	11
12	---	---	---	0.093	0.079	0.135	0.026	0.008	0.012	---	---	---	12
13	---	---	---	0.099	0.132	0.115	0.024	0.007	0.013	---	---	---	13
14	---	---	---	0.096	0.091	0.106	0.024	0.007	0.017	---	---	---	14
15	---	---	---	0.093	0.086	0.086	0.021	0.008	0.044	---	---	---	15
16	---	---	---	0.091	0.081	0.081	0.021	0.008	0.047	---	---	---	16
17	---	---	---	0.102	0.075	0.073	0.021	0.010	0.047	---	---	---	17
18	---	---	---	0.093	0.072	0.067	0.019	0.010	0.047	---	---	---	18
19	---	---	---	0.102	0.070	0.061	0.019	0.010	0.047	---	---	---	19
20	---	---	---	0.118	0.077	0.058	0.019	0.010	0.047	---	---	---	20
21	---	---	---	0.125	0.077	0.048	0.019	0.010	0.047	---	---	---	21
22	---	---	---	0.112	0.079	0.047	0.019	0.008	0.047	---	---	---	22
23	---	---	---	0.525	0.077	0.045	0.021	0.008	0.042	---	---	---	23
24	---	---	---	0.473	0.069	0.043	0.020	0.007	0.039	---	---	---	24
25	---	---	---	0.410	0.069	0.042	0.020	0.007	0.026	---	---	---	25
26	---	---	---	0.360	0.067	0.040	0.021	0.007	0.021	---	---	---	26
27	---	---	---	0.309	0.066	0.039	0.020	0.007	0.017	---	---	---	27
28	---	---	---	0.296	0.062	0.039	0.018	0.007	0.013	---	---	---	28
29	---	---	0.182	0.272	0.059	0.035	0.016	0.008	0.010	---	---	---	29
30	---		---	0.222	0.054	0.034	0.013	0.010	0.007	---	---	---	30
31	---		---		0.272		0.013E	0.010		---		---	31
TOTAL	---	---	---	5.300	3.001	3.463	0.715	0.287	0.708	---	---	---	TOTAL
MEAN	---	---	---	0.177	0.097	0.115	0.023	0.009	0.024	---	---	---	MEAN
MAX	---	---	---	0.525	0.272	0.244	0.032	0.013	0.047	---	---	---	MAX
MIN	---	---	---	0.091	0.054	0.034	0.013	0.007	0.007	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 46 29 N
LONG 123 28 13 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	61.8
FEB	---	AUG	24.8
MAR	---	SEP	61.2
APR	458	OCT	---
MAY	259	NOV	---
JUN	299	DEC	---

GASPARD CREEK BELOW OUTLET OF GASPARD LAKE - STATION NO. 08MD032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.86	2.77	1.59	---	0.446	0.397	0.150	---	1
2	---	---	---	---	3.09	2.84	1.54	---	0.436	0.389	0.146	---	2
3	---	---	---	---	3.73	2.85	1.50	---	0.437	0.383	0.154	---	3
4	---	---	---	---	4.55	2.81	1.50	---	0.446	0.379	0.159	---	4
5	---	---	---	---	4.89	2.71	1.51	---	0.414	0.313	0.162	---	5
6	---	---	---	---	4.59	2.58	1.62	---	0.417	0.188	0.163	---	6
7	---	---	---	---	4.25	2.45	2.33	---	0.437	0.189	0.175	---	7
8	---	---	---	---	3.94	2.26	3.95	---	0.414	0.191	0.162	---	8
9	---	---	---	---	3.70	2.15	4.98	---	0.422	0.192	0.161	---	9
10	---	---	---	---	3.68	2.13	4.65A	---	0.443	0.182	0.167	---	10
11	---	---	---	---	3.72	2.13	---	---	0.441	0.187	0.164	---	11
12	---	---	---	---	3.87	2.28	---	---	0.453	0.182	0.169	---	12
13	---	---	---	---	4.05	2.78	---	---	0.452	0.184	0.170	---	13
14	---	---	---	---	4.04	3.23	---	0.180A	0.451	0.178	0.180	---	14
15	---	---	---	---	3.89	3.43	---	0.333	0.429	0.181	0.178	---	15
16	---	---	---	---	3.73	3.28	---	0.591	0.433	0.168	0.172	---	16
17	---	---	---	---	3.53	3.01	---	0.598	0.420	0.174	0.170	---	17
18	---	---	---	---	3.45	2.76	---	0.502	0.402	0.172	0.184A	---	18
19	---	---	---	---	3.44	2.61	---	0.497	0.414	0.180	0.185E	---	19
20	---	---	---	---	3.45	2.71	---	0.472	0.406	0.171	0.185E	---	20
21	---	---	---	---	3.39	3.03	---	0.475	0.408	0.165	0.187E	---	21
22	---	---	---	---	3.21	3.13	---	0.467	0.387	0.171	0.190E	---	22
23	---	---	---	---	5.97	5.90	---	0.471	0.420	0.179	0.190E	---	23
24	---	---	---	---	5.84	5.60	---	0.469	0.398	0.183	0.192E	---	24
25	---	---	---	3.92A	2.75	2.38	---	0.468	0.390	0.176	0.195E	---	25
26	---	---	---	3.94	2.68	2.22	---	0.462	0.402	0.182	0.200E	---	26
27	---	---	---	3.78	2.70	2.13	---	0.460	0.403	0.173	0.202E	---	27
28	---	---	---	3.57	2.71	2.04	---	0.436	0.400	0.176	0.204A	---	28
29	---	---	---	3.26	2.66	1.91	---	0.436	0.369	0.169	0.206E	---	29
30	---		---	3.00	2.67	1.77	---	0.428	0.382	0.152	0.208E	---	30
31	---		---		2.66		---	0.452		0.143		---	31
TOTAL	---	---	---	---	107.69	77.88	---	---	12.572	6.449	5.330	---	TOTAL
MEAN	---	---	---	---	3.47	2.60	---	---	0.419	0.208	0.178	---	MEAN
MAX	---	---	---	---	4.89	3.43	---	---	0.453	0.397	0.208	---	MAX
MIN	---	---	---	---	2.66	1.77	---	---	0.369	0.143	0.146	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.98 ON JUL 09

MAXIMUM INSTANTANEOUS,
5.33 AT 13:35 PST ON MAY 05

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 41 N
LONG 122 45 14 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	1 090
APR	---	OCT	557
MAY	9 300	NOV	461
JUN	6 730	DEC	---

GASPARD LAKE ABOVE OUTLET - STATION NO. 08MD031

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	2.798	2.790	---	1
2	---	---	---	---	---	---	---	---	---	2.787	2.789	---	2
3	---	---	---	---	---	---	---	---	---	2.782	2.794	---	3
4	---	---	---	---	---	---	---	---	---	2.774	2.795	---	4
5	---	---	---	---	---	---	3.662A	---	---	2.767	2.792	---	5
6	---	---	---	---	---	---	---	---	---	2.761	2.793	---	6
7	---	---	---	---	---	---	---	---	---	2.770	2.797	---	7
8	---	---	---	---	---	---	---	---	---	2.779	2.793	---	8
9	---	---	---	---	3.886A	---	---	---	---	2.783	2.794	---	9
10	---	---	---	---	---	---	---	---	---	2.785	2.793	---	10
11	---	---	---	---	---	---	---	---	3.045A	2.782	2.803	---	11
12	---	---	---	---	---	---	---	---	3.031	2.772	2.805	---	12
13	---	---	---	---	---	---	---	---	3.012	2.773	2.797	---	13
14	---	---	---	---	---	---	---	3.419A	2.996	2.768	2.802	---	14
15	---	---	---	---	---	---	---	---	2.983	2.761	2.810	---	15
16	---	---	---	---	---	---	---	---	2.983	2.771	2.805	---	16
17	---	---	---	---	---	---	---	---	2.981	2.783	2.808	---	17
18	---	---	---	---	---	---	---	---	2.975	2.776	2.818	---	18
19	---	---	---	---	---	---	---	---	2.966	2.765	2.826	---	19
20	---	---	---	---	---	---	---	---	2.956	2.766	2.825	---	20
21	---	---	---	---	---	---	---	---	2.947	2.763	2.820	---	21
22	---	---	---	---	---	---	---	---	2.931	2.764	2.825	---	22
23	---	---	---	---	---	---	---	---	2.923	2.765	2.845	---	23
24	---	---	---	---	---	---	---	---	2.914	2.764	2.847	---	24
25	---	---	---	3.897A	---	---	---	---	2.895	2.772	2.840	---	25
26	---	---	---	---	---	---	---	---	2.882	2.781	2.836	---	26
27	---	---	---	---	---	---	---	---	2.872	2.798	2.837	---	27
28	---	---	---	---	---	3.712A	---	---	2.854	2.805	2.852A	---	28
29	---		---	---	---	---	---	---	2.840	2.802	---	---	29
30	---		---	---	---	---	---	---	2.819	2.790	---	---	30
31	---		---		---		---	---		2.792		---	31
MEAN	---	---	---	---	---	---	---	---	---	2.777	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	2.805	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	2.761	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 30 N
LONG 122 45 14 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GEDDES CREEK AT THE MOUTH - STATION NO. 10BE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.161B	0.113B	0.132B	0.159B	0.238E	0.603	0.299	0.199	0.163	0.136	0.139B	0.091B	1
2	0.149B	0.114B	0.127B	0.152B	0.257E	0.458	0.234	0.214	0.164	0.160	0.120B	0.093B	2
3	0.144B	0.115B	0.128B	0.150B	0.278E	0.391	0.207	0.181	0.168	0.198	0.108B	0.098B	3
4	0.143B	0.118B	0.134B	0.151B	0.292E	0.333	0.200	0.187	0.235	0.230	0.107B	0.105B	4
5	0.142B	0.121B	0.138B	0.157B	0.263E	0.308	0.202	0.175	0.251	0.176	0.112B	0.106B	5
6	0.140B	0.122B	0.140B	0.156B	0.285E	0.323	0.190	0.207	0.183	0.159	0.130B	0.110B	6
7	0.138B	0.123B	0.138B	0.147B	0.340E	0.312	0.171	0.213	0.149	0.155	0.139B	0.120B	7
8	0.140B	0.121B	0.134B	0.138B	0.393E	0.315	0.166	0.176	0.160	0.155	0.140B	0.127B	8
9	0.139B	0.120B	0.131B	0.140B	0.446A	0.245	0.164	0.168	0.153	0.149	0.135B	0.128B	9
10	0.137B	0.119B	0.128B	0.141B	0.526	0.215	0.163	0.180	0.116	0.145	0.127B	0.126B	10
11	0.138B	0.121B	0.127B	0.145B	0.459	0.189	0.163	0.161	0.123	0.146	0.126B	0.118B	11
12	0.140B	0.119B	0.130B	0.146B	0.391	0.193	0.161	0.133	0.117	0.146	0.129B	0.117B	12
13	0.142B	0.122B	0.133B	0.149B	0.262	0.176	0.236	0.136	0.119	0.143B	0.130B	0.119B	13
14	0.143B	0.119B	0.138B	0.153B	0.233	0.165	0.343	0.134	0.119	0.138B	0.133B	0.118B	14
15	0.143B	0.118B	0.150B	0.162B	0.217	0.181	0.226	0.130	0.112	0.128B	0.130B	0.116B	15
16	0.142B	0.119B	0.158B	0.170B	0.326	0.195	0.202	0.139	0.135	0.137B	0.132B	0.114B	16
17	0.140B	0.122B	0.155B	0.178B	0.284	0.204	0.232	0.138	0.156	0.133B	0.134B	0.115B	17
18	0.138B	0.127B	0.150B	0.185B	0.263	0.190	0.278	0.127	0.133	0.138B	0.131B	0.111B	18
19	0.137B	0.128B	0.149B	0.192B	0.425	0.186	0.226	0.119	0.122	0.144B	0.133B	0.105B	19
20	0.139B	0.127B	0.142B	0.200B	0.373	0.175	0.210	0.128	0.133	0.143B	0.133B	0.104B	20
21	0.140B	0.126B	0.133B	0.208B	0.312	0.182	0.194	0.144	0.124	0.144B	0.129B	0.104B	21
22	0.139B	0.125B	0.129B	0.214B	0.273	0.183	0.183	0.234	0.141	0.150B	0.121B	0.106B	22
23	0.136B	0.124B	0.130B	0.221B	0.260	0.209	0.171	0.299	0.151	0.151B	0.118B	0.105B	23
24	0.133B	0.126B	0.132B	0.223B	0.294	0.272	0.165	0.183	0.136	0.142B	0.114B	0.103B	24
25	0.130B	0.132B	0.133B	0.222B	0.332	0.703	0.172	0.167	0.132	0.134B	0.113B	0.106B	25
26	0.127B	0.137B	0.141B	0.217B	0.289	0.679	0.198	0.154	0.124	0.127B	0.112B	0.103B	26
27	0.122B	0.138B	0.150B	0.208B	0.249	0.526	0.186	0.140	0.132	0.125B	0.112B	0.104B	27
28	0.118B	0.137B	0.162B	0.204B	0.241	0.404	0.143	0.135	0.152	0.126B	0.112B	0.100B	28
29	0.115B		0.170B	0.205E	0.402	0.324	0.132	0.130	0.158	0.132B	0.111B	0.097B	29
30	0.114B		0.169B	0.210E	0.426	0.364	0.131	0.120	0.150	0.142B	0.102B	0.093B	30
31	0.113B		0.164B		0.771		0.148	0.147		0.145B		0.090B	31
TOTAL	4.222	3.453	4.375	5.303	10.370	9.193	6.096	5.106	4.413	4.577	3.712	3.354	TOTAL
MEAN	0.136	0.123	0.141	0.177	0.335	0.306	0.197	0.165	0.147	0.148	0.124	0.108	MEAN
MAX	0.161	0.138	0.170	0.223	0.771	0.703	0.343	0.299	0.251	0.230	0.140	0.128	MAX
MIN	0.113	0.113	0.127	0.138	0.217	0.165	0.131	0.119	0.112	0.125	0.102	0.090	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.176
MAXIMUM DAILY, 0.771 ON MAY 31
MINIMUM DAILY, 0.090B ON DEC 31
MAXIMUM INSTANTANEOUS,
0.986 AT 05:26 PST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 54 N
LONG 126 40 00 W
DRAINAGE AREA, 77.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	365	JUL	527
FEB	298	AUG	441
MAR	378	SEP	381
APR	458	OCT	395
MAY	896	NOV	321
JUN	794	DEC	290

TOTAL DISCHARGE, 5 540 dam³

GLADYS RIVER AT OUTLET OF GLADYS LAKE - STATION NO. 09AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.65B	5.10B	3.98B	3.59B	4.23B	55.7	43.7	22.3	9.86	6.77	5.90	4.98B	1
2	6.60B	5.00B	3.95B	3.58B	4.45B	65.5	44.2	21.6	9.60	6.73	5.77	4.92B	2
3	6.55B	4.92B	3.93B	3.56B	4.60B	71.9	44.6	21.1	9.51	6.76	5.74	4.86B	3
4	6.50B	4.85B	3.90B	3.54B	4.85B	75.9	44.7	20.4	9.60	6.66	5.66	4.80B	4
5	6.45B	4.75B	3.89B	3.52B	5.12A	78.8	44.4	19.6	9.09	6.62	5.56	4.78B	5
6	6.40B	4.70B	3.88B	3.52B	5.33	80.7	44.9	19.0	9.02	6.56	5.49	4.76B	6
7	6.35B	4.65B	3.87B	3.52B	5.72	81.5	44.9	18.7	8.48	6.56	5.54	4.70B	7
8	6.31B	4.58B	3.87B	3.52B	6.04	81.3	44.3	18.2	8.39	6.65	5.28	4.66B	8
9	6.28B	4.50B	3.86B	3.52B	6.13	78.6	43.9	17.6	8.36	6.51	5.32B	4.62B	9
10	6.25B	4.45B	3.84B	3.52B	6.42	76.8	43.2	17.4	7.97	6.35	5.30B	4.61B	10
11	6.20B	4.40B	3.80B	3.52B	6.60	74.8	42.2	16.8	7.77	6.42	5.28B	4.60B	11
12	6.18B	4.38B	3.78B	3.52B	6.89	72.7	40.8	16.0	7.80	6.38	5.26B	4.60B	12
13	6.15B	4.36B	3.75B	3.53B	7.11	69.9	39.7	16.1	7.73	6.45	5.24B	4.59B	13
14	6.10B	4.32B	3.72B	3.55B	7.37	67.7	38.8	15.5	7.50	6.33	5.22B	4.58B	14
15	6.05B	4.30B	3.70B	3.58B	7.93	65.9	38.0	15.3	7.48	6.27	5.20B	4.55B	15
16	6.03B	4.28B	3.68B	3.59B	8.83	63.9	36.3	15.1	7.40	6.32	5.20B	4.50B	16
17	6.01B	4.26B	3.66B	3.60B	9.67	61.4	35.7	14.9	7.30	6.33	5.20B	4.45B	17
18	6.00B	4.24B	3.64B	3.61B	10.5	59.1	35.3	14.3	7.25	6.26	5.20B	4.42B	18
19	5.98B	4.22B	3.62B	3.62B	11.4	56.4	34.3	14.1	7.30	6.14	5.20B	4.40B	19
20	5.92B	4.20B	3.60B	3.65B	12.4	54.3	33.8	13.2	7.24	6.23	5.20B	4.39B	20
21	5.88B	4.17B	3.60B	3.68B	14.5	52.6	32.9	12.7	7.27	6.13	5.19B	4.38B	21
22	5.82B	4.14B	3.60B	3.70B	16.5	50.7	31.5	12.1	7.16	6.09	5.18B	4.36B	22
23	5.78B	4.12B	3.60B	3.71B	18.4	49.2	30.4	12.0	7.25	6.06	5.17B	4.35B	23
24	5.70B	4.10B	3.60B	3.75B	20.1	47.9	29.4	11.7	7.14	6.19	5.16B	4.35B	24
25	5.65B	4.08B	3.60B	3.80B	21.8	46.8	28.6	11.4	6.97	6.17	5.14B	4.35B	25
26	5.60B	4.06B	3.60B	3.84B	23.1	46.4	27.3	11.4	6.85	6.01	5.13B	4.35B	26
27	5.52B	4.02B	3.60B	3.90B	24.1	46.4	26.4	11.3	6.78	5.99	5.12B	4.32B	27
28	5.45B	3.99B	3.60B	3.95B	25.9	45.4	25.5	11.3	6.91	5.97	5.11B	4.28B	28
29	5.40B		3.60B	4.05B	28.3	44.5	24.6	10.5	6.94	5.97	5.10B	4.24B	29
30	5.30B		3.60B	4.15B	28.4	43.6	24.2	10.2	6.87	5.94	5.04B	4.22B	30
31	5.20B		3.60B		44.8		23.0	9.98		5.92		4.20B	31
TOTAL	186.26	123.14	115.52	109.69	415.49	1 866.3	1 121.5	471.78	234.79	195.74	159.10	140.17	TOTAL
MEAN	6.01	4.40	3.73	3.66	13.4	62.2	36.2	15.2	7.83	6.31	5.30	4.52	MEAN
MAX	6.65	5.10	3.98	4.15	44.8	81.5	44.9	22.3	9.86	6.77	5.90	4.98	MAX
MIN	5.20	3.99	3.60	3.52	4.23	43.6	23.0	9.98	6.78	5.92	5.04	4.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 81.5 ON JUN 07
MINIMUM DAILY, 3.52B ON APR 05
MAXIMUM INSTANTANEOUS,
81.9 AT 05:21 PST ON JUN 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 54 20 N
LONG 132 54 50 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 100	JUL	96 900
FEB	10 600	AUG	40 800
MAR	9 980	SEP	20 100
APR	9 480	OCT	16 900
MAY	35 900	NOV	13 700
JUN	161 000	DEC	12 100

TOTAL DISCHARGE, 444 000 dam³

GOAT RIVER NEAR ERICKSON - STATION NO. 08NH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.13	6.24	6.53	37.5	47.7E	130	64.9	13.1	8.42	4.67	10.5	26.9	1
2	7.13	6.64	6.69	51.8	48.0E	113	58.5	12.4	7.77	4.79	8.63	24.4	2
3	6.62	6.98	7.12	65.8	48.3A	110	57.0	12.0	7.35	4.88	7.84	22.2	3
4	6.71	6.84	7.07	64.6A	45.2	141 A	49.8	11.2	7.03	7.21	7.79	21.4	4
5	6.77	6.36	6.92	60.0E	75.4	136 E	46.1	10.6	6.64	13.2	7.76	20.3	5
6	6.80	6.21	6.85	54.0E	105	117 E	45.0	10.1	6.46	8.79	7.09	18.8	6
7	7.63	6.06	7.01	57.8E	93.6	124 E	42.5	9.75	6.13	6.84	6.91	17.9	7
8	7.89	5.88	7.57	64.8E	77.5	118 E	38.6	9.37	6.17	6.22	6.95	17.0	8
9	8.07	5.54	7.76	65.8E	67.5	98.0E	36.8	9.03	6.06	5.86	9.11	18.0	9
10	11.6	6.28	7.72	56.0E	61.4	128 E	35.0	8.72	5.78	7.00	31.3	19.2	10
11	9.07	7.73	7.77	51.8E	59.4	138 E	33.7	8.62	5.63	6.54	37.5	19.8	11
12	8.55B	7.70	7.73	49.2E	58.5	130 E	32.2	8.32	5.54	6.10	30.4	18.6	12
13	8.40B	6.02	7.59	49.0E	60.6	117 E	29.8	7.99	5.40	6.14	25.5	17.2	13
14	8.30B	5.60B	7.51	50.0E	61.9	109 E	26.8	7.64	5.39	6.06	25.3 A	16.3	14
15	8.26	5.27B	7.67	52.3E	60.8	106 E	24.0	7.34	5.37	5.72	23.7	15.9	15
16	7.93	5.06B	7.82	55.5E	60.5	105 E	21.8	7.18	5.29	5.85	21.0	15.4	16
17	7.43	5.00B	8.25	60.0E	59.8	98.0E	19.8	7.11	5.47	5.87	19.5	14.8	17
18	6.97	4.98B	8.99	66.4E	60.7	94.2A	18.4	6.81	5.54	6.05	18.1	14.5	18
19	6.93	5.18B	11.0	74.0E	61.5	95.5	17.4	6.81	5.40	6.33	17.0	10.5	19
20	6.32	5.60B	14.4	80.3E	61.9	98.9	16.4	6.80	5.09	6.02	16.3	9.55B	20
21	7.52	6.25B	19.2	87.8E	63.1	98.0	15.6	6.99	4.91	5.79	15.3	8.00B	21
22	7.60	7.80B	21.3	93.8E	62.6	97.0	14.9	8.27	4.88	5.81	14.4	7.88B	22
23	7.45	8.66B	19.7	90.0E	73.6	101	14.4	8.75	4.91	5.83	25.4	8.22B	23
24	6.65	9.27	17.4	82.1E	90.8	103	14.4	8.08	4.94	5.75	69.5	8.55B	24
25	6.76	8.75	16.8	72.6E	107	98.6	19.3	8.09	4.89	5.81	107	9.00B	25
26	6.76	7.68	16.2	64.7E	103	90.8	20.8	9.71	4.81	7.45	68.0	9.18B	26
27	6.32	6.73	16.2	59.5E	98.2	81.0	19.4	9.17	4.83	8.28	49.2	9.06B	27
28	6.47	6.46	17.1	54.0E	106	72.7	17.2	7.30	4.77	7.63	38.7	7.85B	28
29	6.60		18.8	50.8E	118	69.0	15.6	6.93	4.62	8.30	33.8	7.80B	29
30	6.37		22.3	48.7E	142	68.4	14.5	7.14	4.60	8.60	29.9	8.80B	30
31	6.27		28.0		127		13.8	9.71		11.1		9.35B	31
TOTAL	227.68	182.81	372.97	1 870.6	2 375.9	3 186.1	894.4	270.23	170.09	210.49	791.38	452.54	TOTAL
MEAN	7.34	6.53	12.0	62.4	76.6	106	28.9	8.72	5.67	6.79	26.4	14.6	MEAN
MAX	11.6	9.27	28.0	93.8	142	141	64.9	13.1	8.42	13.2	107	26.9	MAX
MIN	5.93	4.98	6.53	37.5	47.7	68.4	13.8	6.80	4.60	4.67	6.91	7.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.1
MAXIMUM DAILY, 142 ON MAY 30
MINIMUM DAILY, 4.60 ON SEP 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 21 N
LONG 116 27 20 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 700	JUL	77 300
FEB	15 800	AUG	23 300
MAR	32 200	SEP	14 700
APR	162 000	OCT	18 200
MAY	205 000	NOV	68 400
JUN	275 000	DEC	39 100

TOTAL DISCHARGE, 951 000 dam³

GOATHORN CREEK NEAR TELKWA - STATION NO. 08EE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.630B	0.184B	0.192B	0.408	1.98	9.15	8.75	2.36	0.878	0.531	0.357	0.217B	1
2	0.620B	0.193B	0.192B	0.462	2.58	9.04	6.64	1.66	0.751	0.469	0.318	0.210B	2
3	0.605B	0.198B	0.193B	0.527	3.25	11.6	5.39	1.41	0.634	0.413	0.337	0.202B	3
4	0.595B	0.202B	0.194B	0.585	4.13	12.0	4.88	1.62	0.573	0.426	0.340	0.206B	4
5	0.585B	0.203B	0.195B	0.656	5.09	9.47	5.07	1.69	0.545	0.393	0.296	0.240B	5
6	0.575B	0.204B	0.197B	0.761	4.98	7.90	5.31	1.89	0.575	0.341	0.263	0.360B	6
7	0.560B	0.205B	0.198B	0.852	4.43	7.63	4.92	1.62	0.595	0.352	0.256B	0.480B	7
8	0.550B	0.205B	0.199B	0.869	4.41	7.35	4.80	1.39	0.696	0.387	0.258B	0.560B	8
9	0.540B	0.203B	0.200B	0.810	5.05	6.88	4.44	1.63	0.657	0.653	0.262B	0.500B	9
10	0.530B	0.201B	0.200B	0.696	4.66	6.56	4.56	1.87	0.628	0.602	0.260B	0.440B	10
11	0.495B	0.198B	0.201B	0.584	4.01	7.60	4.85	2.03	0.646	0.474	0.260B	0.375B	11
12	0.470B	0.194B	0.202B	0.579	3.92	7.07	4.62	2.22	0.593	0.441	0.262B	0.325B	12
13	0.450B	0.185B	0.203B	0.665	3.79	6.04	3.98	2.40	0.575	0.436	0.264B	0.290B	13
14	0.435B	0.182B	0.204B	1.22	3.68	6.20	3.19	2.50	0.529	0.392	0.265B	0.270B	14
15	0.425B	0.180B	0.206B	1.89	4.00	6.62	2.96	1.83	0.520	0.350	0.265B	0.250B	15
16	0.418B	0.180B	0.208B	2.63	4.79	6.03	2.96	1.51	0.583	0.336	0.263B	0.235B	16
17	0.405B	0.180B	0.209B	3.06	5.58	5.19	2.47	1.42	0.591	0.344	0.260B	0.220B	17
18	0.395B	0.180B	0.210B	3.33 A	4.57	4.62	2.42	1.64	0.516	0.331	0.250B	0.213B	18
19	0.390B	0.180B	0.210B	3.01 A	4.78	4.48	2.60	1.48	0.472	0.303	0.242B	0.211B	19
20	0.390B	0.180B	0.211B	3.58 A	4.22	4.58	2.69	1.48	0.441	0.294	0.236B	0.214B	20
21	0.395B	0.182B	0.213B	3.20	6.24	5.40	2.81	1.54	0.490	0.298	0.228B	0.218B	21
22	0.400B	0.182B	0.215B	3.20	6.00	6.51	2.82	1.43	0.619	0.287	0.225B	0.222B	22
23	0.400B	0.184B	0.217B	2.87	5.24	6.37	3.03	1.18	0.688	0.285	0.221B	0.224B	23
24	0.400B	0.188B	0.220B	2.46	4.93	4.65	3.04	1.13	0.726	0.912	0.217B	0.224B	24
25	0.390B	0.192B	0.225B	2.38	4.57	4.07	3.30	0.916	0.699	0.802	0.218B	0.223B	25
26	0.380B	0.192B	0.229B	2.37	6.24	4.25	3.00	0.775	0.600	0.623	0.222B	0.220B	26
27	0.360B	0.192B	0.232	2.19	8.63	4.07	2.41	0.713	0.500	0.557	0.227B	0.214B	27
28	0.320B	0.192B	0.246	1.95	18.6	4.28	2.14	0.734	0.455	0.496	0.229B	0.210B	28
29	0.290B		0.275	1.87	14.5	4.69	2.19	0.863	0.436	0.450	0.228B	0.208B	29
30	0.205B		0.335	1.97	11.5	5.81	2.55	0.935	0.435	0.428	0.223B	0.205B	30
31	0.185B		0.362		10.5		2.80	0.986		0.400		0.202B	31
TOTAL	13.748	5.341	6.793	51.634	179.83	196.11	117.59	46.852	17.647	13.804	7.752	8.388	TOTAL
MEAN	0.444	0.191	0.219	1.72	5.80	6.54	3.79	1.51	0.588	0.445	0.258	0.271	MEAN
MAX	0.630	0.205	0.362	3.58	18.6	12.0	8.75	2.50	0.878	0.912	0.357	0.560	MAX
MIN	0.185	0.180	0.192	0.408	1.98	4.07	2.14	0.713	0.435	0.285	0.217	0.202	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 18.6 ON MAY 28
MINIMUM DAILY, 0.180B ON FEB 15
MAXIMUM INSTANTANEOUS,
22.1 AT 09:39 PST ON MAY 28

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 38 50 N
LONG 127 07 20 W
DRAINAGE AREA, 132 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 190	JUL	10 200
FEB	461	AUG	4 050
MAR	587	SEP	1 520
APR	4 460	OCT	1 190
MAY	15 500	NOV	670
JUN	16 900	DEC	725

TOTAL DISCHARGE, 57 500 dam³

GOLD RIVER ABOVE BACHELOR CREEK - STATION NO. 08NB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.536B	0.320B	0.448B	0.599	1.75	14.5	23.3	25.6	7.37	4.59	1.31	1.17 B	1
2	0.517B	0.360B	0.450B	0.666	1.82	13.8	21.8	20.9	7.08	3.65	1.23	1.15	2
3	0.508B	0.500B	0.450B	1.14	2.08	13.5	19.7	18.8	6.74	3.21	1.11	1.11	3
4	0.504B	0.588B	0.468	0.892	3.64	12.5	16.4	19.8	6.22	7.53	1.18	1.12	4
5	0.501B	0.568B	0.474	0.860	5.93	10.3	18.3	22.9	6.80	5.52	1.22	1.12	5
6	0.508B	0.552B	0.478	0.854	7.80	8.85	22.8	25.7	7.79	3.23	1.50	1.10	6
7	0.520B	0.540B	0.484	0.879	5.20	9.19	24.3	22.8	9.45	3.71	1.15	1.07	7
8	0.520B	0.535B	0.507	0.867	4.06	9.21	25.1	21.4	9.73	5.49	1.15	1.04	8
9	0.500B	0.518B	0.481	0.802	3.72	9.11	25.5	22.0	9.74	5.41	1.06	1.04	9
10	0.475B	0.509B	0.471	0.728	3.62	11.7	26.1	23.3	10.2	2.33	1.11	1.03	10
11	0.434B	0.522	0.489	0.707	4.02	14.0	30.5	25.3	11.0	2.08	3.26	1.01 B	11
12	0.397B	0.503B	0.470	0.703	4.10	10.9	35.2	26.4	8.29	2.04	5.03	0.940B	12
13	0.450B	0.385B	0.524	0.708	3.92	9.81	37.7	26.6	7.41	1.90	3.34	0.838B	13
14	0.548B	0.335B	0.484	0.706	3.85	9.98	30.1	29.8	8.66	1.78	2.52	0.760B	14
15	0.571B	0.307B	0.462	0.763	4.26	11.8	25.6	27.0	9.59	1.70	2.11	0.722B	15
16	0.547B	0.305B	0.468	0.875	4.82	13.9	32.1	22.9	10.3	1.67	1.78	0.720B	16
17	0.493B	0.350B	0.467	1.05	5.18	15.5	25.5	23.3	9.52	1.56	1.72	0.742B	17
18	0.440B	0.370B	0.464	1.30	5.03	21.3	21.7	19.1	7.14	1.58	1.60	0.748B	18
19	0.400B	0.390B	0.469	1.59	5.41	19.3	19.8	19.4	6.98	1.50	1.51	0.710B	19
20	0.390B	0.420B	0.475	2.18	5.69	19.7	18.2	21.3	5.99	1.47	1.46	0.680B	20
21	0.443B	0.501B	0.470	2.74	6.09	20.0	18.1	22.5	7.14	1.48	1.36	0.620B	21
22	0.500B	0.520	0.465B	2.82	6.33	23.7	19.4	20.7	8.22	1.42	1.35	0.590B	22
23	0.532B	0.507	0.458B	2.81	7.14	27.8	20.2	21.6	9.65	1.36	1.50	0.610B	23
24	0.519B	0.495	0.450B	2.90	8.61	27.8	21.9	18.7	10.7	1.35	1.76	0.640B	24
25	0.519B	0.515	0.456B	2.84	10.6	26.2	21.7	10.1	9.75	1.57	1.51	0.645B	25
26	0.480B	0.497	0.460B	2.34	9.35	25.9	26.5	8.63	6.88	2.00	1.47B	0.643B	26
27	0.455B	0.471B	0.465	2.06	10.7	25.9	30.4	7.84	5.93	1.62	1.40B	0.630B	27
28	0.490B	0.452B	0.473	1.84	13.1	22.9	23.8	9.26	5.33	1.64	1.33B	0.597B	28
29	0.507B		0.461	1.71	16.4	21.2	24.0	10.4	6.05	1.49	1.29	0.600B	29
30	0.400B		0.468	1.68	16.3	23.1	24.9	20.8	5.46	1.45	1.19	0.606B	30
31	0.327B		0.535		13.7		23.3	12.2		1.43		0.604B	31
TOTAL	14.931	12.843	14.644	42.609	204.20	503.35	755.0	628.03	241.42	71.76	50.51	25.589	TOTAL
MEAN	0.482	0.459	0.472	1.42	6.59	16.8	24.4	20.3	8.05	2.31	1.68	0.826	MEAN
MAX	0.571	0.588	0.535	2.90	16.4	27.8	37.7	29.8	11.0	7.53	5.03	1.17	MAX
MIN	0.327	0.305	0.448	0.599	1.75	8.85	16.4	7.84	5.33	1.35	1.06	0.590	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.03
MAXIMUM DAILY, 37.7 ON JUL 13
MINIMUM DAILY, 0.305B ON FEB 16
MAXIMUM INSTANTANEOUS,
50.5 AT 19:04 MST ON AUG 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 47 N
LONG 117 44 28 W
DRAINAGE AREA, 135 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 290	JUL	65 200
FEB	1 110	AUG	54 300
MAR	1 270	SEP	20 900
APR	3 680	OCT	6 200
MAY	17 600	NOV	4 360
JUN	43 500	DEC	2 210

TOTAL DISCHARGE, 222 000 dam³

GOLD RIVER ABOVE PALMER CREEK - STATION NO. 08NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.10	1.35 B	1.45B	2.17	7.92	45.0	66.9	59.4	23.8	9.08	4.13	3.74	1
2	2.08	1.45 B	1.45B	2.32	8.54	46.1	61.2	48.9	22.1	8.35	3.87	3.93	2
3	2.08	1.05 B	1.45B	3.90	9.43	44.8	54.7	43.2	20.5	7.57	3.55	4.07	3
4	2.02	1.38 B	1.48B	3.24	12.8	41.8	46.4	44.3	19.3	18.0	3.94	4.26	4
5	2.05	2.32 B	1.50B	3.08	20.3	32.1	49.9	49.9	20.2	15.9	3.87	3.89	5
6	2.03	2.26 B	1.51B	3.16	29.0	28.3	64.1	54.5	22.4	9.04	3.36	3.72	6
7	2.06	2.21 B	1.58	3.36	19.9	28.8	64.1	48.9	24.9	7.68	3.82	3.66	7
8	2.07	2.17 B	1.60	3.23	15.6	27.6	63.1	46.2	25.6	7.31	3.70	3.56	8
9	2.03	2.08 B	1.52	2.95	14.1	27.7	65.1	47.0	25.4	7.24	3.56	3.52	9
10	1.94	1.93 B	1.53	2.70	13.3	35.9	68.9	48.6	26.1	7.11	3.73	3.47	10
11	1.70A	1.79 B	1.51	2.70	14.0	42.7	76.3	50.7	26.6	6.40	9.65	3.35	11
12	1.73B	1.60 B	1.50	2.61	14.2	31.9	85.5	53.0	21.7	6.21	15.4	2.74	12
13	1.83B	1.30 B	1.44	2.75	14.0	26.3	87.8	53.2	19.2	6.05	11.5	2.60B	13
14	1.30B	1.07 B	1.52	2.89	13.5	26.7	71.0	59.1	21.8	5.77	8.80	2.40B	14
15	2.33B	0.980B	1.48	3.30	13.8	32.9	61.3	52.9	24.0	5.44	7.00	2.60B	15
16	2.26B	0.940B	1.45	3.76	15.2	42.8	72.2	47.0	25.3	5.34	6.29	2.90B	16
17	2.05B	1.13 B	1.50	4.45	16.0	50.3	60.2	46.5	22.9	4.94	5.60	3.17B	17
18	1.78B	1.20 B	1.53	5.85	15.8	61.1	51.3	39.0	17.9	5.13	5.38	3.00B	18
19	1.65B	1.26 B	1.49	7.38	16.7	59.7	48.2	39.8	17.5	4.84	5.09	1.95B	19
20	1.68B	1.35 B	1.50	9.29	17.9	60.5	44.3	43.4	15.1	4.70	4.82	1.57B	20
21	1.85B	1.65 B	1.51	10.9	18.6	61.8	43.9	46.9	17.3	4.72	4.55	1.55B	21
22	2.02B	1.69 B	1.46	11.0	17.3	71.8	46.7	55.4	19.6	4.59	4.46	1.78B	22
23	2.17B	1.62 B	1.36	11.8	20.3	84.0	49.0	48.6	22.4	4.37	5.21	1.95B	23
24	2.14B	1.61 B	1.83	13.1	25.9	83.3	55.4	27.7	23.7	4.32	6.06	2.07B	24
25	2.13B	1.65 B	1.49B	11.5	32.7	77.7	51.7	23.4	21.9	4.86	5.07	2.11B	25
26	1.93B	1.60 B	1.50B	9.68	29.2	75.5	60.1	21.8	16.3	6.36	3.86	2.10B	26
27	1.87B	1.51 B	1.56B	8.79	32.2	71.4	71.1	23.0	14.1	5.26	4.46	1.91B	27
28	2.05B	1.46 B	1.71B	8.06	39.1	66.0	55.9	23.3	12.8	5.47	4.41	1.80B	28
29	2.05B		1.80	7.51	50.3	61.0	54.6	23.7	13.7	5.01	4.42	1.96B	29
30	1.65B		1.83	7.45	53.0	64.6	57.4	45.3	11.3	4.82	4.14	2.15B	30
31	1.32B		2.04		44.4		54.1	37.3		4.47		2.26B	31
TOTAL	60.90	45.610	48.08	174.88	664.69	1 510.1	1 862.4	1 351.9	615.4	207.15	164.00	85.74	TOTAL
MEAN	1.96	1.63	1.55	5.83	21.4	50.3	60.1	43.6	20.5	6.68	5.47	2.77	MEAN
MAX	2.33	2.38	2.04	13.1	53.0	84.0	87.8	59.4	26.6	18.0	15.4	4.26	MAX
MIN	1.32	0.940	1.36	2.17	7.92	26.3	43.9	21.8	11.3	4.32	3.36	1.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 87.8 ON JUL 13
MINIMUM DAILY, 0.940B ON FEB 16
MAXIMUM INSTANTANEOUS,
98.5 AT 21:30 MST ON JUL 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 37 N
LONG 117 43 00 W
DRAINAGE AREA, 427 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 260	JUL	161 000
FEB	3 940	AUG	117 000
MAR	4 150	SEP	53 200
APR	15 100	OCT	17 900
MAY	57 400	NOV	14 200
JUN	130 000	DEC	7 410

TOTAL DISCHARGE, 587 000 dam³

GOLD RIVER BELOW UCONA RIVER - STATION NO. 08HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	102	39.8	47.9E	108	55.4	39.6	36.7	6.98	8.74	7.85	94.5	133	1
2	71.3	101	48.2E	105	71.7	42.5	30.0	6.92	7.91	15.8	67.6	90.3	2
3	59.8	286	50.8E	91.0	75.3	124	28.4	6.70	7.17	67.2	87.2	928	3
4	67.3	144	55.6E	78.6	84.1	96.7	25.4	6.19	6.52	265	93.9	802	4
5	226 A	121	60.5A	75.1	91.8	72.2	26.0	5.92	6.10	103	76.8	294	5
6	290 E	86.7	75.5	75.4	79.5	60.9	41.1	5.84	6.11	62.6	62.7	174	6
7	340 E	68.2	67.5	83.6	64.3	65.2	33.8	5.71	5.98	44.0	104	126	7
8	244 A	56.3	57.2	84.2	54.5	65.6	28.1	5.81	5.91	34.1	92.5	257	8
9	180	53.8	52.8	71.1	52.2	60.6	24.4	5.71	6.06	100	250	158	9
10	132	129	53.8	66.4	52.9	99.3	22.4	5.46	5.73	90.9	380	102	10
11	92.9	164	47.4	83.2	56.5	110	21.2	5.37	5.47	74.8	1 650	74.8	11
12	82.5	103	41.9	90.1	55.2	78.4	19.0	5.88	5.21	122	1 080	61.6	12
13	96.1	74.5	41.4	80.8	60.0	64.1	17.1	7.29	5.15	109	522	51.3	13
14	89.6	60.6	51.9	80.0	56.3	57.7	15.7	7.05	4.98	74.2	275	48.8	14
15	73.9	52.4	50.7	92.5	52.3	55.4	14.5	6.03	4.89	59.4	191	49.5	15
16	65.8	44.7	48.6	120	48.3	48.3	13.5	5.74	4.68	48.3	506	42.3	16
17	55.7	38.7	69.2	195	48.2	42.5	12.9	5.61	4.81	53.8	320	71.7	17
18	48.5	32.5A	113	132	45.3	39.0	12.4	5.42	4.74	160	191	83.5	18
19	42.3	28.4E	107	109	42.4	37.6	11.6	5.19	4.73	116	117	55.8	19
20	37.2	26.7E	116	105	41.0	35.8	11.0	4.80	4.62	79.6	83.0	43.1	20
21	37.1	26.3E	119	84.9	40.5	34.7	10.9	4.84	4.63	178	68.9	37.1	21
22	59.4	26.9E	106	84.4	49.9	35.6	10.4	4.67	4.54	117	193	34.4	22
23	60.7	30.4E	89.2	79.7	46.0	33.2	9.89	4.47	4.45	113	1 520	30.9	23
24	64.2	47.1E	73.1	71.8	38.5	28.4	9.11	4.43	4.53	698	569	27.7	24
25	179	62.2E	64.0	70.2	34.1	26.2	8.70	4.44	4.41	924	242	25.3	25
26	110	54.7E	56.9	69.2	33.2	23.5	8.33	4.44	4.19	393	141	23.3	26
27	80.6	46.9E	57.8	61.2	32.4	21.5	8.58	4.81	4.19	395	95.0	22.6	27
28	73.6	46.5E	67.3	57.0	46.5	22.5	8.44	11.4	4.26	561	175	22.0	28
29	64.8		81.1	50.5	43.6	26.3	9.08	16.7	4.21	273	555	19.3	29
30	52.8		95.7	46.7	41.9	36.4	7.26	12.8	4.13	250	217	19.3	30
31	43.6		107		42.5		7.11	10.1		146		25.7	31
TOTAL	3 222.7	2 052.3	2 174.0	2 603.6	1 645.3	1 583.4	542.00	202.42	159.05	5 535.55	9 997.1	3 937.3	TOTAL
MEAN	104	73.3	70.1	86.8	53.1	52.8	17.5	6.53	5.30	179	333	127	MEAN
MAX	340	286	119	195	91.8	124	41.1	16.7	8.74	924	1 650	928	MAX
MIN	37.1	26.3	41.4	46.7	33.2	21.5	7.11	4.43	4.13	7.85	62.7	19.3	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.2
MAXIMUM DAILY, 1 650 ON NOV 11
MINIMUM DAILY, 4.13 ON SEP 30
MAXIMUM INSTANTANEOUS,
2 160 AT 16:36 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 21 N
LONG 126 06 22 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	278 000	JUL	46 800
FEB	177 000	AUG	17 500
MAR	188 000	SEP	13 700
APR	225 000	OCT	478 000
MAY	142 000	NOV	864 000
JUN	137 000	DEC	340 000

TOTAL DISCHARGE, 2 910 000 dam³

GOLDSTREAM RIVER BELOW OLD CAMP CREEK - STATION NO. 08ND012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.58	6.05B	5.30B	9.88	32.3	114	137	76.5	46.2	15.7	13.2	15.0	1
2	9.36	6.20B	5.35B	21.8	32.9	123	127	69.1	36.6	15.9	12.6	15.0	2
3	8.97	6.30B	5.25B	15.6	33.6	118	125	58.7	32.8	14.2	11.9	15.0	3
4	8.20B	6.30B	5.50B	16.3	36.6	117	105	55.4	29.6	25.6	12.1	15.6	4
5	8.78	6.10B	5.90B	16.1	53.2	99.2	101	61.7	29.0	52.0	11.9	14.4	5
6	8.50	5.90B	6.50B	16.8	84.9	85.4	126	66.4	28.9	23.9	11.6	13.5	6
7	8.81	5.60B	6.90B	17.9	69.1	82.3	134	64.0	31.4	19.0	11.6	13.4	7
8	8.66	5.65B	6.95B	18.3	55.4	84.5	116	58.0	32.3	17.2	11.2	13.1	8
9	8.48	5.90B	6.85B	17.6	49.1	81.2	122	56.3	31.7	16.9	11.2	12.9	9
10	9.09	6.15B	6.70B	16.3	46.1	92.0	126	57.5	31.1	18.8	11.5	13.0	10
11	8.20B	6.25B	6.55B	15.8	45.8	117	133	61.0	31.4	16.3	23.4	12.4	11
12	7.60B	5.90B	6.45B	15.1	46.8	104	148	62.9	30.3	15.7	20.9	11.1	12
13	8.00B	5.71B	6.39B	15.0	44.9	88.0	144	62.8	29.4	16.0	18.4	11.0	13
14	8.45B	5.90B	5.70B	15.7	43.9	84.1	127	68.3	28.3	15.2	17.8	11.0	14
15	9.00B	5.95B	5.30B	17.3	45.1	91.8	102	64.8	29.1	14.4	32.8	11.8 B	15
16	8.50B	5.85B	5.19	19.4	47.2	106	108	58.9	34.0	14.3	28.3	11.6 B	16
17	7.80B	5.40B	5.38	22.8	49.6	114	97.8	56.1	40.0	13.7	26.9	11.3 B	17
18	7.00B	5.10B	5.53	26.4	50.4	134	83.6	49.1	27.7	13.5	24.1	9.40B	18
19	6.80B	5.00B	5.70	31.1	49.8	147	76.2	46.5	24.9	13.2	21.3	7.80B	19
20	6.65B	5.30B	6.39	38.7	52.3	140	71.4	49.9	22.8	13.0	20.3	5.70B	20
21	7.00B	5.60B	6.97	46.2	55.3	141	69.7	56.1	20.9	12.8	19.2	5.70B	21
22	8.00B	5.90B	6.93	50.0	55.0	156	72.0	60.5	20.9	13.5	18.5	6.00B	22
23	8.15B	6.50B	6.22	51.9	58.5	186	79.5	71.5	20.2	15.5	18.9	6.50B	23
24	8.05B	6.65B	5.96	59.6	70.9	185	77.8	84.5	19.9	15.8	17.4	7.00B	24
25	7.70B	6.80B	6.45	55.6	87.4	169	76.5	34.7	27.2	12.8	20.7	7.60B	25
26	7.60B	6.70B	6.76	47.7	84.8	155	80.8	33.4	24.4	16.5	17.2	8.20B	26
27	7.60B	6.20B	6.97	42.6	81.5	146	93.8	28.0	19.5	14.8	17.9	7.00B	27
28	7.55B	5.80B	6.84	37.8	96.6	137	77.2	26.5	18.6	14.0	16.9	5.40B	28
29	7.40B		7.15	34.8	118	124	72.8	30.1	17.5	14.3	16.5	6.10B	29
30	6.90B		7.49	32.5	135	133	76.3	59.3	16.8	14.4	15.9	7.00B	30
31	6.30B		8.59		120		74.2	69.4		14.2		7.40B	31
TOTAL	248.68	166.66	196.11	834.58	1 932.0	3 656.5	3 157.6	1 728.1	843.0	515.5	623.2	318.90	TOTAL
MEAN	8.02	5.95	6.33	27.8	62.3	122	102	55.7	28.1	16.6	20.8	10.3	MEAN
MAX	9.58	6.80	8.59	59.6	135	186	148	76.5	46.2	52.0	50.9	15.6	MAX
MIN	6.30	5.00	5.19	9.88	32.3	82.3	69.7	26.5	16.8	12.2	11.2	5.40	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.0
MAXIMUM DAILY, 186 ON JUN 23
MINIMUM DAILY, 5.00B ON FEB 19
MAXIMUM INSTANTANEOUS,
195 AT 07:25 PST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 06 N
LONG 118 35 49 W
DRAINAGE AREA, 938 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 500	JUL	273 000
FEB	14 400	AUG	149 000
MAR	16 900	SEP	72 800
APR	72 100	OCT	44 500
MAY	167 000	NOV	53 800
JUN	316 000	DEC	27 600

TOTAL DISCHARGE, 1 230 000 dam³

GRAHAM RIVER ABOVE COLT CREEK - STATION NO. 07FA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.04B	6.05B	6.68B	7.16B	11.4	350	63.7	22.5	13.3	9.45	8.15	5.20B	1
2	8.06B	6.00B	6.71B	7.08B	12.5	431	80.9	22.3	13.4	9.57	7.16	5.20B	2
3	8.05B	5.95B	6.74B	7.02B	13.3	333	79.7	21.4	13.5	9.71	6.61	5.24B	3
4	8.04B	5.90B	6.77B	6.96B	14.6	222	73.6	20.0	13.4	9.85	6.67	5.26B	4
5	8.02B	5.84B	6.80B	6.89B	17.1	192	70.2	19.2	13.4	9.59	6.66B	5.28B	5
6	8.00B	5.82B	6.80B	6.82B	22.3	178	66.1	18.9	13.3	9.23	6.72B	5.26B	6
7	7.92B	5.81B	6.80B	6.78B	28.4	170	62.2	18.4	12.5	9.28	6.70B	5.26B	7
8	7.84B	5.80B	6.76B	6.76B	27.9	156	59.6	18.6	12.2	9.20	6.68B	5.24B	8
9	7.76B	5.79B	6.72B	6.78B	26.9	145	58.1	18.0	12.5	9.11	6.64B	5.24B	9
10	7.64B	5.78B	6.68B	6.82B	30.6	137	55.2	17.3	11.9	9.33	6.60B	5.22B	10
11	7.50B	5.79B	6.64B	6.96B	32.5	150	51.5	16.9	11.8	9.51	6.54B	5.18B	11
12	7.40B	5.80B	6.61B	7.16B	32.0	145	49.4	16.3	11.7	9.38	6.46B	5.15B	12
13	7.26B	5.81B	6.58B	7.30B	30.9	130	47.2	16.0	11.3	9.18	6.38B	5.10B	13
14	7.20B	5.82B	6.50B	7.54B	30.4	120	45.4	16.2	11.4	9.51	6.32B	5.04B	14
15	7.18B	5.86B	6.42B	7.90B	31.1	114	41.5	16.0	11.0	9.05	6.26B	4.98B	15
16	7.18B	5.92B	6.40B	8.30B	33.6	112	39.2	16.2	10.6	8.84	6.24B	4.90B	16
17	7.18B	5.98B	6.38B	8.70B	38.6	105	41.4	16.4	10.5	8.90	6.22B	4.80B	17
18	7.20B	6.04B	6.36B	9.26B	46.3	95.1	42.5	16.1	10.4	8.40	6.20B	4.70B	18
19	7.20B	6.10B	6.37B	9.78B	53.6	85.7	38.1	15.6	10.5	8.50	6.16B	4.60B	19
20	7.20B	6.16B	6.38B	10.6 B	57.6	81.6	35.4	15.0	10.1	7.89	6.06B	4.50B	20
21	7.18B	6.22B	6.46B	11.2 B	60.4	75.9	33.3	14.7	10.2	8.95	5.96B	4.42B	21
22	7.16B	6.28B	6.56B	11.9	66.8	73.9	30.9	14.5	9.81	9.01	5.94B	4.38B	22
23	7.06B	6.34B	6.66B	12.1	74.5	74.7	30.1	14.9	9.80	8.74	5.76B	4.32B	23
24	7.00B	6.40B	6.78B	13.0	80.5	73.6	30.8	14.6	9.66	9.07	5.60B	4.28B	24
25	6.91B	6.46B	6.90B	13.8	88.2	65.5	30.8	14.1	9.67	9.13	5.46B	4.24B	25
26	6.70B	6.50B	6.98B	12.6	107	60.4	29.3	14.0	9.63	9.04	5.40B	4.20B	26
27	6.60B	6.56B	7.06B	11.3	115	59.3	27.9	13.6	9.57	9.22	5.36B	4.18B	27
28	6.50B	6.64B	7.12B	10.5	120	55.3	26.6	13.2	9.57	9.39	5.28B	4.16B	28
29	6.36B		7.20B	10.0	119	55.7	25.1	12.7	9.73	8.85	5.24B	4.14B	29
30	6.22B		7.24B	10.5	116	52.2	24.1	12.6	9.52	8.58	5.22B	4.12B	30
31	6.10B		7.22B		190		23.1	12.7		8.38		4.10B	31
TOTAL	225.66	169.42	208.28	269.47	1 759.0	4 071.9	1 412.9	508.9	335.56	281.84	186.55	147.89	TOTAL
MEAN	7.28	6.05	6.72	8.98	56.7	136	45.6	16.4	11.2	9.09	6.22	4.77	MEAN
MAX	8.06	6.64	7.24	13.8	190	437	80.9	22.5	13.5	9.85	8.15	5.28	MAX
MIN	6.10	5.78	6.36	6.76	11.4	52.2	23.1	12.6	9.52	7.89	5.22	4.10	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.2
MAXIMUM DAILY, 437 ON JUN 02
MINIMUM DAILY, 4.10B ON DEC 31
MAXIMUM INSTANTANEOUS,
489 AT 02:00 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 27 31 N
LONG 122 21 22 W
DRAINAGE AREA, 2 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 500	JUL	122 000
FEB	14 600	AUG	44 000
MAR	18 000	SEP	29 000
APR	23 300	OCT	24 400
MAY	152 000	NOV	16 100
JUN	352 000	DEC	12 800

TOTAL DISCHARGE, 828 000 dam³

GRANBY RIVER AT GRAND FORKS - STATION NO. 08NN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.28	3.87B	3.65B	37.0	71.9	189	81.0	9.42	4.66	1.91	3.15	7.10	1
2	5.22	3.82B	3.70B	50.9	71.0	203	70.8	9.02	4.52	1.90	3.15	7.04	2
3	5.14	3.85B	3.75B	68.9	71.2	195	64.4	8.30	4.20	1.91	2.87	6.56	3
4	4.97	3.95B	4.00B	70.9	74.7	202	57.0	7.58	4.07	2.02	2.72	6.50	4
5	4.84	4.00B	4.28	68.9	76.0	186	51.1	7.10	3.98	2.20	2.76	6.68	5
6	4.74	3.85B	4.52	68.9	140	145	51.6	6.80	3.54	2.72	2.67	6.32	6
7	5.22	3.80B	4.57	73.5	131	159	61.3	5.33	3.40	3.15	2.65	6.20	7
8	5.90	3.36	5.17	81.7	102	157	49.5	5.47	3.23	2.80	2.72	5.90	8
9	5.55	3.60B	6.26	82.7	83.5	135	40.9	5.33	2.20	2.68	2.68	5.84	9
10	5.49	3.50B	6.29	73.3	76.7	139	40.2	5.06	2.17	2.53	2.72	5.96	10
11	5.40B	3.70B	6.32	64.2	72.6	185	37.0	4.79	2.91	2.42	6.32	6.14	11
12	4.57	3.82B	6.08	63.3	75.5	159	34.9	4.79	2.80	2.42	13.1	5.84	12
13	4.74	3.60B	6.02	63.8	74.5	136	33.6	4.52	2.76	2.38	11.6	5.60	13
14	4.70B	2.87	6.20	62.7	78.1	128	30.0	4.25	2.68	2.18	11.1	5.17	14
15	4.10B	3.19	6.02	68.6	77.1	123	26.5	4.02	2.61	2.18	11.4	5.11	15
16	4.09B	3.32	6.32	83.3	72.0	110	23.0	3.91	2.46	2.38	9.98	5.38	16
17	4.11B	3.55B	6.62	83.1	72.7	131	20.6	3.80	2.57	2.40	9.18	4.74	17
18	3.78	3.45B	6.98	89.4	74.7	130	18.7	3.69	2.59	2.40	8.78	3.84	18
19	3.84	3.30B	8.14	95.7	75.5	124	17.0	4.02	2.61	2.38	8.06	4.75B	19
20	3.54	3.33B	10.4	97.9	73.1	129	15.3	4.02	2.53	2.42	8.14	4.65B	20
21	3.40	3.32B	13.7	108	77.7	134	13.8	4.02	2.42	2.42	7.50	4.55B	21
22	3.80B	3.30B	15.3	127	73.5	125	12.6	4.25	2.34	2.55	6.86	4.45B	22
23	3.98B	3.28B	15.4	147	88.7	126	11.7	4.14	2.20	2.53	6.80	4.37B	23
24	3.95B	3.18B	14.7	146	116	139	12.1	3.91	2.20	2.46	7.04	4.30B	24
25	3.85B	3.14B	13.6	122	135	128	11.2	3.69	2.17	2.38	9.26	4.20B	25
26	2.80	3.15B	13.5	102	129	107	13.0	4.02	2.14	2.38	9.90	4.05B	26
27	3.62	3.18B	13.7	88.0	120	94.2	14.2	4.38	2.07	2.36	7.26	4.02B	27
28	3.85B	3.45B	14.0	82.9	122	85.3	17.1	4.02	2.04	2.42	8.22	4.01B	28
29	3.90B		16.2	81.7	152	82.6	13.6	3.69	2.04	2.42	7.58	4.02B	29
30	3.95B		18.6	76.9	221	79.9	11.7	3.80	2.01	2.65	7.66	4.01B	30
31	3.90B		22.2		197		10.6	4.14		2.76		3.99B	31
TOTAL	134.85	97.73	286.99	2 530.1	3 081.3	4 166.0	976.0	155.28	84.12	74.71	203.83	161.29	TOTAL
MEAN	4.35	3.49	9.26	84.3	99.4	139	31.5	5.01	2.80	2.41	6.79	5.20	MEAN
MAX	5.90	4.00	22.2	147	221	203	81.0	9.42	4.66	3.15	13.1	7.10	MAX
MIN	2.80	2.87	3.65	37.0	71.0	79.9	10.6	3.69	2.01	1.90	2.65	3.84	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.7
MAXIMUM DAILY, 221 ON MAY 30
MINIMUM DAILY, 1.90 ON OCT 02

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 02 39 N
LONG 118 26 19 W
DRAINAGE AREA, 2 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 700	JUL	84 300
FEB	8 440	AUG	13 400
MAR	24 800	SEP	7 270
APR	219 000	OCT	6 450
MAY	266 000	NOV	17 600
JUN	360 000	DEC	13 900

TOTAL DISCHARGE, 1 030 000 dam³

GRAVE CREEK AT THE MOUTH - STATION NO. 08NK019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.330B	0.182B	0.312B	1.16	1.64	6.81	2.93	1.32	0.674	0.474	0.631	0.592B	1
2	0.327B	0.197B	0.313B	1.41	1.64	6.01	2.76	1.31	0.653	0.493	0.593	0.567B	2
3	0.320B	0.220B	0.315B	1.62	1.66	5.66	2.58	1.23	0.634	0.498	0.580	0.560B	3
4	0.336B	0.235B	0.317B	1.57	1.85	5.44	2.35	1.15	0.636	0.636	0.565	0.552B	4
5	0.324B	0.237B	0.322E	1.42	2.44	4.94	2.24	1.12	0.638	0.864	0.564	0.522B	5
6	0.328B	0.235B	0.330E	1.42	3.54	4.53	2.19	1.07	0.610	0.620	0.566	0.520B	6
7	0.328B	0.230B	0.347E	1.46	3.54	4.57	2.21	1.05	0.602	0.581	0.528	0.554	7
8	0.317B	0.231B	0.350E	1.43	2.98	4.33	2.05	1.02	0.572	0.553	0.538	0.551	8
9	0.320B	0.234B	0.351E	1.37	2.46	4.20	1.98	0.998	0.588	0.540	0.588	0.555	9
10	0.332B	0.233B	0.350E	1.27	2.23	4.71	1.92	0.992	0.582	0.585	1.25	0.538	10
11	0.310B	0.218B	0.347E	1.21	2.12	4.97	1.84	0.993	0.552	0.549	1.76	0.538	11
12	0.288B	0.180B	0.336A	1.20	2.11	4.38	1.75	0.962	0.568	0.548	1.34	0.528B	12
13	0.279B	0.171B	0.333	1.18	2.08	3.82	1.67	0.924	0.596	0.531	1.18	0.460B	13
14	0.284B	0.158B	0.335	1.17	2.05	3.41	1.57	0.923	0.603	0.527	1.19	0.408B	14
15	0.296B	0.152B	0.348	1.25	2.01	3.30	1.49	0.868	0.575	0.516	1.01	0.395B	15
16	0.295B	0.153B	0.357	1.40	1.99	3.47	1.44	0.835	0.582	0.527	0.941	0.398B	16
17	0.280B	0.160B	0.361	1.53	1.99	3.78	1.36	0.846	0.585	0.516	0.872	0.398B	17
18	0.265B	0.172B	0.365	1.72	2.16	4.08	1.29	0.852	0.563	0.524	0.810	0.384B	18
19	0.250B	0.182B	0.403	1.95	2.36	4.15	1.31	0.831	0.533	0.514	0.761	0.370B	19
20	0.238B	0.210B	0.451	2.36	2.39	4.41	1.23	0.814	0.537	0.489	0.729	0.361B	20
21	0.242B	0.250B	0.480	2.73	2.39	4.39	1.17	0.786	0.523	0.500	0.688	0.360B	21
22	0.254B	0.262B	0.478	3.01	2.39	4.40	1.15	0.790	0.522	0.481	0.707	0.366B	22
23	0.252B	0.272B	0.460B	2.88	2.77	4.49	1.11	0.851	0.523	0.474	0.781	0.376B	23
24	0.240B	0.288B	0.420B	2.64	3.62	4.51	1.10	0.771	0.519	0.480	0.899	0.398B	24
25	0.239B	0.300B	0.432B	2.43	4.92	4.37	1.76	0.781	0.520	0.488	0.812	0.408B	25
26	0.234B	0.306B	0.467B	2.25	4.89	4.14	1.63	0.738	0.502	0.603	0.780B	0.398B	26
27	0.222B	0.308B	0.517	2.07	4.79	3.83	1.57	0.701	0.505	0.564	0.740B	0.380B	27
28	0.223B	0.310B	0.546	1.94	4.70	3.48	1.53	0.677	0.501	0.562	0.700B	0.360B	28
29	0.200B		0.640	1.79	5.58	3.16	1.43	0.701	0.503	0.546	0.653B	0.365B	29
30	0.186B		0.777	1.69	7.24	3.04	1.35	0.678	0.492	0.550	0.638B	0.384B	30
31	0.180B		0.973		7.26		1.34	0.647		0.662		0.410B	31
TOTAL	8.519	6.286	13.125	52.55	95.79	130.78	53.30	28.229	16.993	16.995	24.394	13.956	TOTAL
MEAN	0.275	0.225	0.423	1.75	3.09	4.36	1.72	0.911	0.566	0.548	0.813	0.450	MEAN
MAX	0.336	0.310	0.973	3.01	7.26	6.81	2.93	1.32	0.674	0.864	1.76	0.592	MAX
MIN	0.180	0.152	0.312	1.16	1.64	3.04	1.10	0.647	0.492	0.474	0.528	0.360	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.26
MAXIMUM DAILY, 7.26 ON MAY 31
MINIMUM DAILY, 0.152B ON FEB 15
MAXIMUM INSTANTANEOUS,
7.65 AT 16:08 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 36 N
LONG 114 51 36 W
DRAINAGE AREA, 83.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	736	JUL	4 610
FEB	543	AUG	2 440
MAR	1 130	SEP	1 470
APR	4 540	OCT	1 470
MAY	8 280	NOV	2 110
JUN	11 300	DEC	1 210

TOTAL DISCHARGE, 39 800 dam³

GRAYLING RIVER NEAR THE MOUTH - STATION NO. 10BE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.05B	1.82B	1.92B	2.67B	10.3E	285 E	28.2E	12.3 E	11.6 E	5.79A	3.35B	2.41B	1
2	1.97B	1.84B	1.91B	2.63B	12.4E	190 E	30.5E	11.1 E	11.9 E	5.80	3.10B	2.55B	2
3	1.92B	1.87B	1.94B	2.60B	15.9E	121 E	26.5E	10.4 E	11.2 E	6.55	2.80B	2.66B	3
4	1.90B	1.88B	1.98B	2.61B	20.0E	88.0E	24.0E	12.1 E	11.9 E	6.81	2.78B	2.75B	4
5	1.92B	1.87B	2.00B	2.73B	24.0E	70.0E	23.7E	9.60E	13.0 E	6.45	3.00B	2.85B	5
6	1.93B	1.85B	2.01B	2.72B	30.0E	56.0E	24.2E	26.0 E	14.5 E	5.93	3.40B	3.02B	6
7	1.95B	1.86B	2.00B	2.70B	40.0E	51.0E	21.0E	57.0 E	12.0 E	5.31	3.56B	3.22B	7
8	1.97B	1.87B	1.96B	2.69B	38.0E	51.5E	18.9E	51.5 E	9.60E	5.30	3.42B	3.31B	8
9	1.98B	1.88B	1.94B	2.73B	37.5E	70.0E	20.2E	47.0 E	10.3 E	5.83	3.30B	3.28B	9
10	1.99B	1.89B	1.94B	2.75B	34.0E	58.0E	17.5E	42.0 E	9.25E	6.54	3.25B	3.00B	10
11	1.97B	1.88B	1.96B	2.84B	34.5A	45.8A	15.0E	32.0 E	9.45E	6.53	3.28B	3.05B	11
12	1.96B	1.86B	1.99B	2.90B	35.3A	43.4A	16.5E	27.0 E	8.60E	6.11	3.42B	3.09B	12
13	1.97B	1.85B	2.00B	2.97B	38.0E	38.7A	21.0E	24.0 E	7.75E	6.08	3.45B	3.03B	13
14	1.98B	1.84B	2.02B	3.07B	42.0E	36.7A	25.6E	27.0 E	7.52E	5.97	3.52B	3.00B	14
15	1.98B	1.84B	2.18B	3.15B	49.0E	33.8A	23.0E	28.0 E	7.35E	5.40	3.45B	3.03B	15
16	1.99B	1.85B	2.21B	3.25B	60.0E	31.0A	21.0E	22.0 E	7.00E	4.61	3.50B	3.00B	16
17	1.98B	1.88B	2.20B	3.35B	77.0E	29.1A	20.0E	27.1 E	6.75E	4.41B	3.44B	2.92B	17
18	1.93B	1.92B	2.19B	3.50B	94.0E	28.7E	20.5E	22.0 E	6.70E	4.70B	3.49B	2.79B	18
19	1.92B	1.93B	2.15B	3.67B	102 E	27.9E	24.0E	18.0 E	6.82E	4.75B	3.52B	2.73B	19
20	1.93B	1.92B	2.13B	3.82B	90.0E	26.0E	20.5E	17.9 E	7.00E	4.60B	3.38B	2.72B	20
21	1.94B	1.88B	2.12B	3.87B	79.0E	23.7E	19.0E	15.2 E	7.20E	4.43B	3.28B	2.77B	21
22	1.97B	1.85B	2.13B	3.91B	93.0E	21.1E	21.8E	19.5 E	7.05E	4.45B	3.13B	2.82B	22
23	1.98B	1.89B	2.15B	4.00B	85.0E	19.1E	25.2E	17.0 E	6.50E	4.55B	3.03B	2.67B	23
24	1.97B	1.87B	2.19B	4.15B	80.0E	20.9E	23.3E	14.2 E	6.15E	4.30B	2.96B	2.70B	24
25	1.94B	1.84B	2.24B	4.21B	89.0E	23.0E	20.2E	12.9 E	6.21E	4.05B	2.92B	2.75B	25
26	1.90B	1.90B	2.35B	5.00E	77.0E	27.0E	21.8E	12.0 E	6.50E	3.36B	2.90B	2.62B	26
27	1.88B	1.95B	2.48B	5.30E	70.0E	29.5E	16.5E	14.2 E	6.30E	3.30B	2.91B	2.60B	27
28	1.87B	1.96B	2.58B	5.95E	73.0E	27.0E	12.5E	12.2 E	5.80E	3.29B	2.95B	2.55B	28
29	1.85B		2.67B	7.00E	78.0E	26.0E	14.0E	11.2 E	5.98E	3.30B	2.80B	2.45B	29
30	1.82B		2.69B	8.70E	120 E	25.5E	15.1E	10.0 E	5.95E	3.60B	2.40B	2.32B	30
31	1.80B		2.68B		200 E		14.5E	10.9 E		3.76B		2.20B	31
TOTAL	60.11	52.54	67.07	111.44	1 927.9	1 624.4	658.7	673.30	253.83	156.66	95.69	86.86	TOTAL
MEAN	1.94	1.88	2.16	3.71	62.2	54.1	21.2	21.7	8.46	5.05	3.19	2.80	MEAN
MAX	2.05	1.96	2.69	8.70	200	285	30.5	57.0	14.5	6.81	3.56	3.31	MAX
MIN	1.80	1.82	1.91	2.60	10.3	19.1	12.5	9.60	5.80	3.29	2.40	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 285E ON JUN 01
MINIMUM DAILY, 1.80B ON JAN 31
MAXIMUM INSTANTANEOUS,
329 ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 29 N
LONG 125 04 07 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 190	JUL	56 900
FEB	4 540	AUG	58 200
MAR	5 790	SEP	21 900
APR	9 630	OCT	13 500
MAY	167 000	NOV	8 270
JUN	140 000	DEC	7 500

TOTAL DISCHARGE, 498 000 dam³

GRAYSTOKE LAKE AT THE OUTLET - STATION NO. 08NM230

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	18.110	18.104	---	---	---	---	---	1
2	---	---	---	---	---	18.103	18.094	---	---	---	---	---	2
3	---	---	---	---	---	18.103	18.084	---	---	---	---	---	3
4	---	---	---	---	---	18.103	18.047	---	---	---	---	---	4
5	---	---	---	---	---	18.081	18.047	---	---	---	---	---	5
6	---	---	---	---	---	18.065	18.148	---	---	---	---	---	6
7	---	---	---	---	---	18.083	18.076	---	---	---	---	---	7
8	---	---	---	---	---	18.079	18.039	---	---	---	---	---	8
9	---	---	---	---	---	18.074	18.025	---	---	---	---	---	9
10	---	---	---	---	---	18.126	18.021	---	---	---	---	---	10
11	---	---	---	---	---	18.125	18.017	---	---	---	---	---	11
12	---	---	---	---	---	18.085	18.016	---	---	---	---	---	12
13	---	---	---	---	---	18.064	18.008	---	---	---	---	---	13
14	---	---	---	---	---	18.069	17.975	---	---	---	---	---	14
15	---	---	---	---	---	18.042	17.937	---	---	---	---	---	15
16	---	---	---	---	---	18.001	17.883	---	---	---	---	---	16
17	---	---	---	---	---	18.005	17.802	---	---	---	---	---	17
18	---	---	---	---	---	18.015	17.706	---	---	---	---	---	18
19	---	---	---	---	---	18.028	17.606A	---	---	---	---	---	19
20	---	---	---	---	---	18.072	---	---	---	---	---	---	20
21	---	---	---	---	---	18.084	---	---	---	---	---	---	21
22	---	---	---	---	---	18.106	---	---	---	---	---	---	22
23	---	---	---	---	---	18.157	17.061A	---	---	---	---	---	23
24	---	---	---	---	---	18.216	---	---	---	---	---	---	24
25	---	---	---	---	---	18.157	---	---	6.198A	4.181A	---	---	25
26	---	---	---	---	---	18.114	---	---	---	---	---	---	26
27	---	---	---	---	---	18.126	---	---	---	---	---	---	27
28	---	---	---	---	---	18.124	---	---	---	---	---	---	28
29	---		---	---	---	18.099	---	---	---	---	---	---	29
30	---		---	---	17.616A	18.113	---	---	---	---	---	---	30
31	---		---		18.052		---	---		---		---	31
MEAN	---	---	---	---	---	18.091	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	18.216	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	18.001	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 18.216 ON JUN 24

MAXIMUM INSTANTANEOUS,
18.233 AT 19:53 PST ON JUN 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 08 N
LONG 118 52 15 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

GREATA CREEK NEAR THE MOUTH - STATION NO. 08NM173

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.025	0.019B	0.022	0.046	0.107	0.207	0.140	0.040	0.032	0.018	0.021	0.028	1
2	0.025	0.021B	0.021	0.050	0.111	0.199	0.141	0.038	0.030	0.018	0.021	0.029	2
3	0.024	0.023B	0.021	0.050	0.109	0.208	0.138	0.035	0.029	0.021	0.022	0.029	3
4	0.023	0.025	0.022	0.046	0.109	0.225	0.125	0.034	0.027	0.025	0.023	0.030	4
5	0.024	0.024	0.023	0.043	0.109	0.204	0.128	0.036	0.027	0.023	0.024	0.030	5
6	0.024	0.026	0.023	0.043	0.112	0.197	0.137	0.031	0.023	0.022	0.018	0.029	6
7	0.026	0.026	0.024	0.045	0.111	0.214	0.126	0.029	0.022	0.021	0.021	0.028	7
8	0.024	0.024	0.026	0.049	0.108	0.203	0.111	0.030	0.022	0.021	0.021	0.029	8
9	0.025	0.023	0.026	0.047	0.104	0.193	0.104	0.031	0.024	0.019	0.026	0.029	9
10	0.026	0.022B	0.024	0.046	0.103	0.260	0.102	0.028	0.024	0.030	0.041	0.029	10
11	0.023	0.021B	0.026	0.047	0.109	0.286	0.099	0.030	0.023	0.024	0.037	0.030	11
12	0.024	0.020B	0.026	0.049	0.107	0.285	0.101	0.030	0.020	0.021	0.034	0.029	12
13	0.024	0.019B	0.026	0.052	0.110	0.287	0.090	0.029	0.019	0.020	0.036	0.028	13
14	0.025	0.018B	0.023	0.055	0.132	0.271	0.085	0.029	0.018	0.019	0.033	0.028	14
15	0.025	0.019B	0.024	0.056	0.123	0.257	0.079	0.027	0.018	0.022	0.030	0.028	15
16	0.025	0.018B	0.024	0.066	0.126	0.242	0.076	0.027	0.022	0.025	0.029	0.028	16
17	0.023	0.017B	0.026	0.079	0.130	0.229	0.068	0.027	0.028	0.023	0.028	0.027	17
18	0.022	0.016B	0.030	0.089	0.124	0.224	0.064	0.029	0.024	0.022	0.027	0.027	18
19	0.019	0.018B	0.030B	0.099	0.117	0.213	0.060	0.033	0.022	0.022	0.027	0.022B	19
20	0.021	0.019B	0.032	0.103	0.131	0.201	0.058	0.030	0.022	0.022	0.023	0.020B	20
21	0.021	0.021B	0.033	0.106	0.132	0.191	0.057	0.035	0.022	0.025	0.024	0.019B	21
22	0.021B	0.020B	0.031	0.113	0.146	0.183	0.056	0.053	0.023	0.023	0.027	0.020B	22
23	0.022	0.020B	0.027	0.137	0.168	0.177	0.058	0.035	0.021	0.021	0.032	0.020B	23
24	0.022	0.022B	0.025	0.135	0.205	0.166	0.056	0.032	0.019	0.020	0.028	0.021B	24
25	0.023	0.023	0.025	0.132	0.207	0.167	0.055	0.045	0.019	0.021	0.032	0.021B	25
26	0.021B	0.023	0.029	0.124	0.195	0.163	0.057	0.040	0.018	0.025	0.026	0.022B	26
27	0.022B	0.021	0.031	0.118	0.180	0.157	0.054	0.032	0.018	0.024	0.028	0.021B	27
28	0.023	0.022	0.031	0.123	0.183	0.154	0.049	0.032	0.018	0.024	0.028	0.019B	28
29	0.022B		0.033	0.118	0.210	0.150	0.044	0.031	0.017	0.026	0.026	0.018B	29
30	0.019B		0.037	0.112	0.205	0.145	0.041	0.041	0.017	0.024	0.027	0.021B	30
31	0.017B		0.047		0.209		0.045	0.032		0.022		0.023B	31
TOTAL	0.710	0.590	0.848	2.378	4.332	6.258	2.604	1.031	0.668	0.693	0.820	0.782	TOTAL
MEAN	0.023	0.021	0.027	0.079	0.140	0.209	0.084	0.033	0.022	0.022	0.027	0.025	MEAN
MAX	0.026	0.026	0.047	0.137	0.210	0.287	0.141	0.053	0.032	0.030	0.041	0.030	MAX
MIN	0.017	0.016	0.021	0.043	0.103	0.145	0.041	0.027	0.017	0.018	0.018	0.018	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.059
MAXIMUM DAILY, 0.287 ON JUN 13
MINIMUM DAILY, 0.016B ON FEB 18
MAXIMUM INSTANTANEOUS,
0.300 AT 14:09 PST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 119 51 04 W
DRAINAGE AREA, 40.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	61.3	JUL	225
FEB	51.0	AUG	89.1
MAR	73.3	SEP	57.7
APR	205	OCT	59.9
MAY	374	NOV	70.8
JUN	541	DEC	67.6

TOTAL DISCHARGE, 1 880 dam³

GREEN LAKE NEAR 70 MILE HOUSE - STATION NO. 08LF075

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.395	0.417	0.421	0.418	0.457	0.509	0.590	0.650	0.545	0.470	0.404	0.387E	1
2	0.394	0.420	0.422	0.418	0.458	0.509	0.596	0.647	0.540	0.458	0.403	0.388E	2
3	0.397	0.419	0.422	0.420	0.460	0.510	0.603	0.644	0.536	0.455	0.400	0.390E	3
4	0.397	0.420	0.419	0.420	0.460	0.515	0.600	0.643	0.532	0.459	0.403	0.392E	4
5	0.396	0.418	0.422	0.420	0.456	0.519	0.602	0.638	0.528	0.458	0.402	0.394E	5
6	0.395	0.417	0.429	0.423	0.456	0.520	0.646	0.635	0.524	0.456	0.396	0.396E	6
7	0.394	0.416	0.430	0.422	0.451	0.522	0.661	0.627	0.527	0.453	0.395	0.398E	7
8	0.394	0.421	0.427	0.419	0.450	0.520	0.664	0.622	0.526	0.451	0.393	0.400E	8
9	0.395	0.417	0.428	0.417	0.450	0.519	0.667	0.621	0.521	0.452	0.391	0.401E	9
10	0.396	0.417	0.428	0.421	0.454	0.528	0.669	0.622	0.517	0.452	0.386	0.402E	10
11	0.395	0.417	0.424	0.423	0.457	0.545	0.674	0.620	0.517	0.446	0.388	0.403E	11
12	0.397	0.421	0.422	0.422	0.455	0.553	0.678	0.610	0.514	0.445	0.388	0.403E	12
13	0.397	0.421	0.420	0.421	0.457	0.557	0.675	0.606	0.508	0.440	0.387	0.403E	13
14	0.398	0.422	0.418	0.424	0.456	0.561	0.674	0.605	0.509	0.439	0.386	0.403E	14
15	0.396	0.421	0.418	0.426	0.453	0.563	0.673	0.599	0.509	0.438	0.385	0.404E	15
16	0.397	0.420	0.418	0.428	0.460	0.567	0.671	0.595	0.514	0.436	0.385	0.405E	16
17	0.399	0.420	0.415	0.433	0.471	0.571	0.668	0.593	0.511	0.431	0.385	0.407E	17
18	0.400	0.421	0.418	0.431	0.475	0.579	0.668	0.591	0.504	0.428	0.387	0.410E	18
19	0.400	0.422	0.419	0.431	0.474	0.588	0.664	0.585	0.499	0.423	0.388	0.413E	19
20	0.402	0.420	0.422	0.429	0.472	0.595	0.662	0.583	0.495	0.417	0.391	0.417E	20
21	0.401	0.423	0.426	0.427	0.471	0.595	0.659	0.580	0.492	0.416	0.390	0.420E	21
22	0.405	0.422	0.424	0.427	0.469	0.597	0.656	0.576	0.488	0.416	0.394	0.422E	22
23	0.405	0.421	0.422	0.428	0.468	0.597	0.658	0.573	0.487	0.409	0.397	0.423E	23
24	0.404	0.421	0.423	0.437	0.475	0.597	0.659	0.571	0.488	0.412	0.396	0.424E	24
25	0.405	0.419	0.423	0.439	0.482	0.597	0.660	0.570	0.484	0.413	0.394	0.425E	25
26	0.401	0.418	0.422	0.444	0.488	0.596	0.662	0.563	0.478	0.408	0.392E	0.426E	26
27	0.401	0.420	0.423	0.448	0.488	0.593	0.655	0.557	0.477	0.405	0.390E	0.426E	27
28	0.406	0.418	0.420	0.452	0.492	0.592	0.650	0.552	0.475	0.404	0.389E	0.427E	28
29	0.403		0.420	0.450	0.495	0.591	0.651	0.550	0.476	0.399	0.388E	0.429E	29
30	0.410		0.423	0.452	0.502	0.595	0.650	0.552	0.471	0.403	0.387E	0.431E	30
31	0.414		0.421		0.505		0.648	0.550		0.402		0.434E	31
MEAN	0.400	0.420	0.422	0.429	0.468	0.560	0.652	0.598	0.506	0.432	0.392	0.410	MEAN
MAX	0.414	0.423	0.430	0.452	0.505	0.597	0.678	0.650	0.545	0.470	0.404	0.434	MAX
MIN	0.394	0.416	0.415	0.417	0.450	0.509	0.590	0.550	0.471	0.399	0.385	0.387	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 0.475
MAXIMUM DAILY, 0.678 ON JUL 12
MINIMUM DAILY, 0.385 ON NOV 15
MAXIMUM INSTANTANEOUS,
0.687 AT 16:23 PST ON JUL 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 30 N
LONG 121 15 46 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

GROUNDHOG CREEK ABOVE BIG CREEK - STATION NO. 08MB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.00 E	1.26	2.77	0.556	0.454	0.127	0.139	---	---	1
2	---	---	---	1.15 E	2.02	2.72	0.556	0.435	0.113	0.132	---	---	2
3	---	---	---	1.30 E	2.47	2.44	0.590	0.416	0.118	0.160	---	---	3
4	---	---	---	1.60 E	2.11	2.12	0.677	0.387	0.117	0.238	---	---	4
5	---	---	---	1.19 A	1.89	1.86	0.708	0.357	0.113	0.292	---	---	5
6	---	---	---	1.06	1.75	1.66	0.840	0.321	0.106	0.287	---	---	6
7	---	---	---	1.12	1.65	1.57	1.54	0.275	0.104	0.267	---	---	7
8	---	---	---	1.20	1.65	1.41	2.17	0.232	0.087	0.261	---	---	8
9	---	---	---	1.02	1.70	1.26	1.71	0.204	0.093	0.249	---	---	9
10	---	---	---	0.727	1.71	1.26	1.34	0.183	0.093	0.240	---	0.324B	10
11	---	---	---	0.656	1.97	1.31	1.08	0.165	0.086	0.235	---	---	11
12	---	---	---	0.698	2.35	1.32	0.898	0.144	0.087	0.221	---	---	12
13	---	---	---	0.908	2.52	1.66	0.751	0.112	0.089	0.213	---	---	13
14	---	---	---	1.12	2.60	2.08	0.665	0.095	0.084	0.211	---	---	14
15	---	---	---	1.24	2.62	1.67	0.604	0.083	0.086	0.206	---	---	15
16	---	---	---	1.30	2.48	1.37	0.574	0.082	0.201	0.200	---	---	16
17	---	---	---	1.49	2.63	1.26	0.547	0.086	0.302	0.190	---	---	17
18	---	---	---	1.73	3.22	1.18	0.538	0.099	0.273	0.175B	---	---	18
19	---	---	---	1.73	3.29	1.19	0.533	0.099	0.227	0.160B	---	---	19
20	---	---	---	1.67	2.74	1.20	0.515	0.094	0.205	0.140B	---	---	20
21	---	---	---	1.59	2.32	1.09	0.485	0.088	0.193	0.125B	---	---	21
22	---	---	---	1.53	2.04	0.974	0.464	0.090	0.179	0.118B	---	---	22
23	---	---	---	1.53	1.76	0.865	0.440	0.091	0.161	0.114B	---	---	23
24	---	---	---	1.50	1.65	0.780	0.424	0.149	0.168	0.112B	---	---	24
25	---	---	---	1.44	2.05	0.711	0.454	0.163	0.159	0.110B	---	---	25
26	---	---	---	1.32	2.78	0.664	0.495	0.179	0.157	0.110B	---	---	26
27	---	---	---	1.23	3.11	0.635	0.486	0.166	0.147	0.110B	---	---	27
28	---	---	---	1.23	2.72	0.608	0.502	0.144	0.154	0.112B	---	---	28
29	---	---	---	1.16	2.38	0.567	0.504	0.131	0.148	0.114B	---	---	29
30	---		---	1.18	2.10	0.545	0.484	0.126	0.156	0.116B	---	---	30
31	---		---		2.17		0.473	0.129		0.120B		---	31
TOTAL	---	---	---	37.619	69.71	40.749	22.603	5.799	4.333	5.477	---	---	TOTAL
MEAN	---	---	---	1.25	2.25	1.36	0.729	0.187	0.144	0.177	---	---	MEAN
MAX	---	---	---	1.73	3.29	2.77	2.17	0.454	0.302	0.292	---	---	MAX
MIN	---	---	---	0.656	1.26	0.545	0.424	0.082	0.084	0.110	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.29 ON MAY 19

MAXIMUM INSTANTANEOUS,
3.48 AT 21:35 PST ON MAY 18

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 23 N
LONG 123 07 00 W
DRAINAGE AREA 246 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 950
FEB	---	AUG	501
MAR	---	SEP	374
APR	3 250	OCT	473
MAY	6 020	NOV	---
JUN	3 520	DEC	---

GUICHON CREEK ABOVE TUNKWA LAKE DIVERSION - STATION NO. 08LG056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013B	0.011B	0.020B	0.056B	0.187	1.09	0.299	0.121	0.055	0.036	0.042	0.020B	1
2	0.014B	0.010B	0.022B	0.062B	0.207	0.959	0.340	0.107	0.050	0.036	0.035	0.020B	2
3	0.014B	0.010B	0.024B	0.066B	0.223	0.946	0.378	0.098	0.053	0.036	0.039	0.021B	3
4	0.015B	0.011B	0.026B	0.074B	0.232	0.855	0.315	0.096	0.046	0.040	0.045	0.022B	4
5	0.015B	0.012B	0.026B	0.082B	0.285	0.744	0.285	0.093	0.042	0.053	0.040	0.023B	5
6	0.016B	0.013B	0.027B	0.080B	0.356	0.688	0.627	0.081	0.040	0.049	0.033	0.022B	6
7	0.017B	0.014B	0.027B	0.078B	0.338	0.698	1.03	0.075	0.042	0.043	0.038	0.021B	7
8	0.016B	0.015B	0.026B	0.086B	0.320	0.591	0.754	0.078	0.041	0.044	0.043	0.021B	8
9	0.015B	0.015B	0.025B	0.092B	0.313	0.646	0.631	0.071	0.042	0.046	0.041	0.021B	9
10	0.015B	0.015B	0.024B	0.111	0.303	1.09	0.557	0.058	0.042	0.048	0.046	0.020B	10
11	0.015B	0.014B	0.025B	0.116	0.313	1.01	0.494	0.055	0.042	0.045	0.063	0.020B	11
12	0.015B	0.014B	0.026B	0.134	0.309	1.06	0.446	0.051	0.041	0.045	0.065	0.020B	12
13	0.016B	0.013B	0.027B	0.142	0.322	1.15	0.377	0.048	0.039	0.045	0.063	0.019B	13
14	0.016B	0.012B	0.029B	0.141	0.353	1.10	0.345	0.044	0.041	0.043	0.054	0.019B	14
15	0.017B	0.011B	0.030B	0.151	0.326	0.993	0.310	0.042	0.043	0.043	0.045	0.018B	15
16	0.016B	0.011B	0.032B	0.165	0.319	0.985	0.282	0.043	0.045	0.046	0.050	0.017B	16
17	0.015B	0.010B	0.034B	0.180	0.421	1.23	0.261	0.052	0.054	0.045	0.044	0.016B	17
18	0.014B	0.010B	0.036B	0.198	0.626	1.11	0.235	0.070	0.052	0.048	0.035	0.014B	18
19	0.014B	0.011B	0.037B	0.208	0.676	1.18	0.223	0.062	0.047	0.047	0.031B	0.013B	19
20	0.014B	0.013B	0.037B	0.232	0.660	1.03	0.200	0.058	0.045	0.042	0.030B	0.011B	20
21	0.014B	0.014B	0.038B	0.234	0.677	0.896	0.185	0.060	0.048	0.047	0.029B	0.011B	21
22	0.015B	0.015B	0.038B	0.231	0.631	0.789	0.179	0.073	0.048	0.044	0.029B	0.011B	22
23	0.016B	0.015B	0.037B	0.245	0.623	0.708	0.161	0.068	0.043	0.042	0.031B	0.012B	23
24	0.017B	0.016B	0.036B	0.310	0.760	0.628	0.174	0.073	0.042	0.045	0.031B	0.012B	24
25	0.017B	0.016B	0.035B	0.278	1.10 E	0.582	0.205	0.089	0.041	0.047	0.029B	0.012B	25
26	0.017B	0.016B	0.035B	0.259	1.32	0.513	0.257	0.091	0.036	0.052	0.027B	0.011B	26
27	0.016B	0.017B	0.035B	0.246	1.26	0.471	0.186	0.071	0.033	0.048	0.024B	0.010B	27
28	0.015B	0.018B	0.036B	0.229	1.25	0.428	0.159	0.062	0.035	0.048	0.022B	0.009B	28
29	0.014B		0.040B	0.207	1.40	0.387	0.140	0.061	0.036	0.047	0.020B	0.009B	29
30	0.013B		0.043B	0.183	1.28	0.340	0.131	0.071	0.037	0.044	0.020B	0.009B	30
31	0.012B		0.050B		1.18		0.127	0.065		0.043		0.010B	31
TOTAL	0.468	0.372	0.983	4.876	18.570	24.897	10.293	2.187	1.301	1.387	1.144	0.494	TOTAL
MEAN	0.015	0.013	0.032	0.163	0.599	0.830	0.332	0.071	0.043	0.045	0.038	0.016	MEAN
MAX	0.017	0.018	0.050	0.310	1.40	1.23	1.03	0.121	0.055	0.053	0.065	0.023	MAX
MIN	0.012	0.010	0.020	0.056	0.187	0.340	0.127	0.042	0.033	0.036	0.020	0.009	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.183
MAXIMUM DAILY, 1.40 ON MAY 29
MINIMUM DAILY, 0.009B ON DEC 28
MAXIMUM INSTANTANEOUS,
1.49 AT 20:55 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 30 N
LONG 120 54 39 W
DRAINAGE AREA, 78.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40.4	JUL	889
FEB	32.1	AUG	189
MAR	84.9	SEP	112
APR	421	OCT	120
MAY 1	600	NOV	98.8
JUN 2	150	DEC	42.7

TOTAL DISCHARGE, 5 780 dam³

GUICHON CREEK AT OUTLET OF MAMIT LAKE - STATION NO. 08LG041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.069	0.086	0.099	0E	0.445A	2.97	2.09	1.17	1.02	0.697	0.496	0.002	1
2	0.067	0.087	0.096	0E	0 E	3.84	2.06	1.11	0.996	0.691	0.498	0.002	2
3	0.066	0.086	0.093	0E	0 A	4.27	2.06	1.05	0.980	0.683	0.493	0.002	3
4	0.066	0.085	0.091	0E	0 E	4.41	1.94	0.889	0.979	0.675	0.483	0.002	4
5	0.066	0.087	0.091	0A	0 E	4.49	1.86	0.839	0.977	0.667	0.483	0.002	5
6	0.066	0.088	0.091	0E	0 E	4.24	2.13	0.787	0.951	0.650	0.220	0.002	6
7	0.068	0.090	0.091	0E	0.438A	3.93	2.83	0.748	0.939	0.621	0.034	0.002E	7
8	0.068	0.090	0.092	0E	0.461	3.67	3.54	0.718	0.932	0.625	0.030	0.002E	8
9	0.082	0.089	0.097E	0E	0.446	3.47	4.06	0.698	0.909	0.623	0.032	0.003E	9
10	0.095	0.092	0.097E	0E	0.401	3.45	4.20	0.666	0.875	0.619	0.030	0.003E	10
11	0.093	0.093	0.097E	0E	0.404	3.65	4.06	0.637	0.858	0.619	0.032	0.003E	11
12	0.093	0.091	0.097E	0E	0.471	5.37	3.84	0.626	0.835	0.609	0.012	0.002E	12
13	0.091	0.093	0.097A	0E	0.372	5.73E	3.48	0.595	0.823	0.607	0.008	0.002E	13
14	0.093	0.094	0.097	0E	0.293	6.08E	3.10	0.561	0.829	0.612	0.011	0.002E	14
15	0.091	0.095	0.098	0E	0.235	6.44A	2.81	0.534	0.820	0.610	0.013	0.002E	15
16	0.093	0.097	0.097	0E	0.183	6.47	2.62	0.522	0.814	0.604	0.013	0.002B	16
17	0.092	0.097	0.098	0E	0.141	6.41	2.39	1.09	0.795	0.593	0.010	0.002B	17
18	0.087	0.094	0.097	0E	0.118	6.43	2.17	1.35	0.771	0.580	0.006	0.002B	18
19	0.090	0.094	0.094	0E	0.096	6.23	2.01	1.30	0.778	0.580	0.004	0.001B	19
20	0.090	0.094	0.095	0E	0.068	6.05	1.82	1.23	0.778	0.582	0.003	0.001B	20
21	0.092	0.096	0.098	0E	0.050	5.76	1.65	1.21	0.766	0.567	0.002	0.001B	21
22	0.092	0.096	0.093	0E	0.020E	5.46	1.51	1.17	0.759	0.558	0.002	0.001B	22
23	0.090	0.096	0.092	0E	0.020E	5.09	1.41	1.12	0.751	0.543	0.003	0.001B	23
24	0.090	0.096	0.097	0E	0.020E	4.63	1.33	1.11	0.744	0.548	0.003	0.002B	24
25	0.090	0.098	0.101	0E	0.020E	4.11	1.28	1.08	0.745	0.546	0.003	0.002B	25
26	0.087	0.098	0.100	0E	0.100E	3.67	1.26	1.08	0.730	0.542	0.003	0.002B	26
27	0.088	0.098	0.098	0E	0.199E	3.30	1.25	1.07	0.721	0.533	0.003	0.001B	27
28	0.089	0.098	0.098	0E	0.199A	2.96	1.23	1.06	0.725	0.510	0.002	0.001B	28
29	0.087		0.097A	0E	0.182	2.62	1.18	1.05	0.726	0.508	0.002	0.001B	29
30	0.087		0 E	0E	0.288	2.31	1.26	1.01	0.708	0.502	0.002	0.002B	30
31	0.086		0 E		1.77		1.24	1.03		0.492		0.002B	31
TOTAL	2.604	2.598	2.779	0	7.440	137.51	69.67	29.110	25.034	18.396	2.936	0.057	TOTAL
MEAN	0.084	0.093	0.090	0	0.240	4.58	2.25	0.939	0.835	0.593	0.098	0.002	MEAN
MAX	0.095	0.098	0.101	0	1.77	6.47	4.20	1.35	1.02	0.697	0.498	0.003	MAX
MIN	0.066	0.085	0	0	0	2.31	1.18	0.522	0.708	0.492	0.002	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.817
MAXIMUM DAILY, 6.47 ON JUN 16
MINIMUM DAILY, 0E ON MAR 30
MAXIMUM INSTANTANEOUS,
6.58 AT 16:26 PST ON JUN 18

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 45 N
LONG 120 48 32 W
DRAINAGE AREA, 842 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	225	JUL	6 020
FEB	224	AUG	2 520
MAR	240	SEP	2 160
APR	0	OCT	1 590
MAY	643	NOV	254
JUN 11	900	DEC	4.92

TOTAL DISCHARGE, 25 800 dam³

GUICHON CREEK AT THE MOUTH - STATION NO. 08LG067

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.033B	0.046B	0.030B	0.023	0.194	2.07	2.69	1.26	0.595	0.695	0.634	0.145B	1
2	0.032B	0.049B	0.029B	0.024	0.091	3.45	2.63	1.08	0.581	0.520	0.634	0.142B	2
3	0.031B	0.053B	0.029B	0.030	0.055	5.45	2.63	1.06	0.582	0.534	0.634	0.145B	3
4	0.030B	0.055B	0.028B	0.031	0.035	7.16	2.60	0.885	0.582	0.621	0.634	0.155B	4
5	0.031B	0.045B	0.028B	0.028	0.013	7.16	2.60	0.868	0.671	0.535	0.619	0.162B	5
6	0.033B	0.038B	0.033B	0.028	0.008	7.06	2.67	0.802	0.671	0.521	0.546	0.155B	6
7	0.036B	0.038B	0.035B	0.028	0.005	5.36	3.68	0.631	0.512	0.508	0.321	0.148B	7
8	0.035B	0.034B	0.037B	0.028	0.005	5.37	4.92	0.602	0.583	0.522	0.201	0.140B	8
9	0.034B	0.036B	0.036B	0.053	0.006	5.41	5.18	0.369	0.657	0.551	0.201	0.153B	9
10	0.032B	0.038B	0.034B	0.056	0.004	5.82	5.81	0.329	0.657	0.594	0.201	0.151B	10
11	0.030B	0.037B	0.033B	0.051	0.004	7.94	5.76	0.320	0.816	0.595	0.232	0.148B	11
12	0.041B	0.036B	0.032B	0.053	0.007	8.78	5.06	0.301	0.849	0.654	0.154	0.140B	12
13	0.043B	0.035B	0.030B	0.077	0.094	8.90	5.01	0.286	0.571	0.654	0.154	0.137B	13
14	0.044B	0.034B	0.029	0.077	0.114	10.2	3.87	0.286	0.571	0.700	0.163	0.130B	14
15	0.038B	0.033B	0.027	0.110	0.101	10.2	3.87	0.402	0.689	0.732	0.154	0.125B	15
16	0.034B	0.035B	0.023	0.101	0.092	10.7	3.31	0.302	0.885	0.732	0.154	0.118B	16
17	0.034B	0.037B	0.046	0.107	0.080	9.93	3.03	0.321	0.818	0.748	0.150	0.113B	17
18	0.036B	0.039B	0.078	0.069	0.092	10.0	2.84	0.823	0.515	0.663	0.141	0.108B	18
19	0.038B	0.042B	0.086	0.091	0.115	9.98	2.53	0.711	0.601	0.575	0.159	0.103B	19
20	0.044B	0.046B	0.081	0.107	0.115	9.98	2.39	0.711	0.722	0.619	0.154	0.099B	20
21	0.047B	0.047B	0.070	0.114	0.145	8.24	2.42	0.577	0.723	0.663	0.137	0.096B	21
22	0.052B	0.047B	0.058	0.091	0.158	8.10	1.51	0.592	0.754	0.648	0.154	0.099B	22
23	0.054B	0.045B	0.046	0.080	0.119	7.78	1.34	0.592	0.739	0.648	0.150	0.102B	23
24	0.050B	0.037B	0.078	0.094	0.158	7.33	1.20	0.578	0.546	0.634	0.163	0.108B	24
25	0.045B	0.038B	0.056	0.049	0.611	6.52	1.16	0.652	0.755	0.772	0.150	0.116B	25
26	0.043B	0.037B	0.038	0.043	1.56	5.52	1.16	0.565	0.756	0.462	0.135B	0.118B	26
27	0.042B	0.059B	0.034	0.045	1.98	4.91	1.24	0.565	0.773	0.450	0.120B	0.100B	27
28	0.040B	0.030B	0.031	0.043	1.89	3.86	1.24	0.565	0.806	0.450	0.135B	0.090B	28
29	0.097B		0.034	0.043	2.23	3.63	1.04	0.566	0.806	0.450	0.150B	0.080B	29
30	0.043B		0.036	0.029	1.75	3.28	1.04	0.609	0.807	0.462	0.148B	0.082B	30
31	0.044B		0.024		1.72		1.28	0.639		0.619		0.088B	31
TOTAL	1.266	1.146	1.288	1.803	13.551	210.09	87.71	18.849	20.593	18.531	7.682	3.796	TOTAL
MEAN	0.041	0.041	0.042	0.060	0.437	7.00	2.83	0.608	0.686	0.598	0.256	0.123	MEAN
MAX	0.097	0.059	0.086	0.114	2.23	10.7	5.81	1.26	0.885	0.772	0.634	0.162	MAX
MIN	0.030	0.030	0.023	0.023	0.004	2.07	1.04	0.286	0.512	0.450	0.120	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 10.7 ON JUN 16
MINIMUM DAILY, 0.004 ON MAY 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 08 49 N
LONG 120 52 47 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	109	JUL	7 580
FEB	99.0	AUG	1 630
MAR	111	SEP	1 780
APR	156	OCT	1 600
MAY	1 170	NOV	664
JUN	18 200	DEC	328

TOTAL DISCHARGE, 33 400 dam³

HALFWAY RIVER ABOVE GRAHAM RIVER - STATION NO. 07FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.00B	5.50B	5.28B	5.64B	46.7	900	98.1	41.6	20.6	12.9	10.5	5.80B	1
2	7.90B	5.38B	5.34B	5.72B	59.1	735	196	40.0	20.6	13.7	11.1	5.80B	2
3	7.80B	5.26B	5.38B	5.80B	59.4	413	181	39.6	20.6	13.8	9.72	5.82B	3
4	7.72B	5.18B	5.42B	5.88B	46.2	306	156	37.2	20.3	13.5	9.50B	5.84B	4
5	7.64B	5.08B	5.44B	5.96B	48.8	256	131	35.5	19.9	13.4	9.46B	5.86B	5
6	7.58B	5.04B	5.46B	6.04B	53.3	249	114	33.5	19.5	13.2	9.54B	5.87B	6
7	7.52B	5.00B	5.48B	6.18B	55.0	236	104	33.1	18.5	12.9	9.60B	5.88B	7
8	7.48B	4.96B	5.49B	6.34B	53.3	200	95.4	32.1	18.4	12.6	9.58B	5.88B	8
9	7.44B	4.90B	5.50B	6.44B	50.3	176	91.4	31.1	18.1	12.8	9.20B	5.89B	9
10	7.40B	4.86B	5.54B	6.66B	57.0	158	86.0	29.4	17.7	12.7	8.90B	5.90B	10
11	7.38B	4.84B	5.58B	6.84B	61.1	170	79.3	28.5	17.1	13.1	8.70B	5.84B	11
12	7.36B	4.82B	5.56B	7.10B	69.6	184	75.4	27.7	16.7	12.9	8.48B	5.76B	12
13	7.34B	4.81B	5.55B	7.40B	61.0	159	70.2	27.0	16.9	12.8	8.24B	5.70B	13
14	7.32B	4.80B	5.54B	7.80B	56.8	140	66.7	26.7	16.4	12.9	8.00B	5.64B	14
15	7.30B	4.80B	5.52B	8.20B	55.5	126	62.7	27.6	16.0	12.3	7.84B	5.56B	15
16	7.28B	4.80B	5.50B	8.90B	55.1	119	62.2	29.7	16.1	12.2	7.70B	5.48B	16
17	7.26B	4.81B	5.48B	9.70B	60.3	110	83.5	30.6	15.8	11.6	7.66B	5.36B	17
18	7.24B	4.83B	5.46B	10.7	74.9	101	88.7	28.8	15.4	11.4	7.62B	5.24B	18
19	7.20B	4.85B	5.45B	15.3	91.1	91.9	82.5	28.5	15.4	11.1	7.58B	5.14B	19
20	7.18B	4.88B	5.44B	18.1	86.4	87.6	74.0	27.9	15.2	10.8	7.40B	5.06B	20
21	7.12B	4.92B	5.44B	21.4	82.2	85.2	68.3	25.6	14.6	11.3	7.22B	4.94B	21
22	7.02B	4.96B	5.43B	20.5	79.1	85.6	63.6	24.8	14.6	11.4	7.00B	4.84B	22
23	6.92B	5.00B	5.42B	22.6	83.6	85.3	61.8	24.4	14.5	10.6	6.80B	4.80B	23
24	6.85B	5.04B	5.41B	29.4	87.9	85.1	59.6	24.8	13.6	11.5	6.60B	4.78B	24
25	6.79B	5.06B	5.40B	36.8	92.2	82.8	58.0	23.7	13.5	11.3	6.40B	4.76B	25
26	6.54B	5.10B	5.42B	27.4	138	82.6	56.7	23.3	13.3	11.0	6.16B	4.76B	26
27	6.42B	5.14B	5.45B	20.3	178	83.3	54.4	22.9	13.5	10.8	5.96B	4.77B	27
28	6.20B	5.20B	5.48B	16.7	166	83.3	50.7	22.1	13.4	11.5	5.86B	4.78B	28
29	6.04B		5.50B	16.8	156	83.7	48.0	21.4	13.3	11.2	5.84B	4.78B	29
30	5.86B		5.54B	28.8	157	83.4	45.3	20.8	13.0	11.2	5.82B	4.74B	30
31	5.64B		5.58B		291		43.5	20.8		11.1		4.68B	31
TOTAL	220.74	139.82	169.48	401.40	2 711.9	5 757.8	2 608.0	890.7	492.5	375.2	239.98	165.95	TOTAL
MEAN	7.12	4.99	5.47	13.4	87.5	192	84.1	28.7	16.4	12.1	8.00	5.35	MEAN
MAX	8.00	5.50	5.58	36.8	291	900	196	41.6	20.6	13.8	11.1	5.90	MAX
MIN	5.64	4.80	5.28	5.64	46.2	82.6	43.5	20.8	13.0	10.6	5.82	4.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.8
MAXIMUM DAILY, 900 ON JUN 01
MINIMUM DAILY, 4.68B ON DEC 31
MAXIMUM INSTANTANEOUS,
984 AT 16:00 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 30 N
LONG 122 14 28 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 100	JUL	225 000
FEB	12 100	AUG	77 000
MAR	14 600	SEP	42 600
APR	34 700	OCT	32 400
MAY	234 000	NOV	20 700
JUN	497 000	DEC	14 300

TOTAL DISCHARGE, 1 220 000 dam³

HALFWAY RIVER NEAR FARRELL CREEK - STATION NO. 07FA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.1 B	9.02B	9.22B	9.76B	102A	1 200E	194	70.0E	31.6	20.9	18.0	12.8 B	1
2	14.7 B	8.94B	9.34B	9.84B	134	2 000E	353	66.5A	31.5	21.7	16.0	12.9 B	2
3	14.4 B	8.84B	9.38B	10.0 B	135	1 400E	377	62.5	31.0	21.9	14.8	12.9 B	3
4	14.1 B	8.80B	9.40B	10.2 B	124	980E	338	59.8	31.7	21.4	14.8	13.0 B	4
5	13.7 B	8.75B	9.42B	10.3 B	120	780E	302	56.2	30.6	22.0	14.8B	13.0 B	5
6	13.5 B	8.70B	9.44B	10.6 B	121	700E	273	51.3	30.1	21.5	15.0B	12.9 B	6
7	13.4 B	8.65B	9.46B	10.8 B	125	630E	250	46.8	29.1	21.3	15.2B	12.9 B	7
8	13.5 B	8.60B	9.48B	11.2 B	120	590E	232	45.9	28.4	20.8	15.2B	12.8 B	8
9	13.6 B	8.55B	9.50B	11.4 B	110	550E	219	45.6	27.1	20.5	15.1B	12.8 B	9
10	13.7 B	8.50B	9.46B	11.6 B	111	510E	208	43.9	25.7	20.4	14.9B	12.7 B	10
11	13.5 B	8.40B	9.48B	12.0 B	137	480E	189	41.6	26.0	21.2	14.8B	12.6 B	11
12	13.3 B	8.30B	9.50B	12.5 B	144	520E	177	40.3	25.4	21.5	14.6B	12.5 B	12
13	13.2 B	8.25B	9.53B	13.0 B	164	460A	168	39.9	25.6	20.5	14.5B	12.4 B	13
14	13.1 B	8.25B	9.56B	13.5 B	176	398	159	39.9	25.3	20.4	14.4B	12.3 B	14
15	13.0 B	8.27B	9.58B	14.3 B	166	359	145	40.0	24.5	19.7	14.3B	12.2 B	15
16	12.9 B	8.30B	9.60B	15.3 B	158	335	137	42.0	24.5	19.7	14.2B	12.1 B	16
17	12.8 B	8.34B	9.62B	16.8 B	162	315	166	44.1	24.6	19.2	14.2B	11.8 B	17
18	12.7 B	8.38B	9.64B	18.7 B	191	291	198	42.5	24.1	18.7	14.2B	11.6 B	18
19	12.5 B	8.40B	9.62B	22.0 E	219	269	188	40.7	23.9	18.8	14.1B	11.4 B	19
20	12.4 B	8.45B	9.60B	32.0 E	235	250	168	40.4	23.6	18.3	14.0B	11.1 B	20
21	12.2 B	8.52B	9.52B	39.0 E	224	232	146	37.9	23.4	18.1	13.7B	10.7 B	21
22	11.8 B	8.61B	9.42B	47.0 E	218	216	131	36.4	22.9	18.6	13.5B	10.4 B	22
23	11.6 B	8.70B	9.34B	55.0 E	223	209	126	36.1	22.5	18.2	13.3B	10.3 B	23
24	11.3 B	8.78B	9.30B	66.0 E	234	207	124	36.8	21.9	18.4	13.1B	10.2 B	24
25	10.9 B	8.86B	9.28B	83.0 E	250	194	121	35.6	21.4	18.7	13.0B	10.1 B	25
26	10.5 B	8.94B	9.30B	69.0 E	387	179	117 E	34.4	21.0	18.7	12.9B	10.1 B	26
27	10.2 B	9.00B	9.34B	60.0 E	518	172	110 E	32.8	20.8	19.2	12.8B	10.1 B	27
28	9.90B	9.10B	9.36B	55.0 E	459	168	102 E	31.8	21.0	19.8	12.8B	10.0 B	28
29	9.50B		9.40B	56.0 E	437	161	91.0E	31.1	20.5	19.4	12.7B	9.90B	29
30	9.30B		9.50B	61.0 E	417	158	83.0E	30.3	20.5	19.0	12.7B	9.80B	30
31	9.10B		9.60B		442		76.0E	31.0		18.8		9.70B	31
TOTAL	385.40	241.20	293.19	869.80	6 763	14 913	5 668.0	1 334.1	760.2	617.1	427.6	360.00	TOTAL
MEAN	12.4	8.61	9.46	29.0	218	497	183	43.0	25.3	19.9	14.3	11.6	MEAN
MAX	15.1	9.10	9.64	83.0	518	2 000	377	70.0	31.7	22.0	18.0	13.0	MAX
MIN	9.10	8.25	9.22	9.76	102	158	76.0	30.3	20.5	18.1	12.7	9.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.4
MAXIMUM DAILY, 2 000E ON JUN 02
MINIMUM DAILY, 8.25B ON FEB 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 15 04 N
LONG 121 37 39 W
DRAINAGE AREA, 9 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 300	JUL	490 000
FEB	20 800	AUG	115 000
MAR	25 100	SEP	65 700
APR	75 200	OCT	53 300
MAY	584 000	NOV	36 900
JUN	1 290 000	DEC	31 100

TOTAL DISCHARGE, 2 820 000 dam³

HARPER CREEK NEAR THE MOUTH - STATION NO. 08LB076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.16 B	0.900B	0.675B	1.20E	5.49	20.7	9.88	2.38	1.56	0.725	0.902	1.28 E	1
2	1.15 B	0.920B	0.670B	1.38E	5.72	21.3	11.9	1.92	1.32	0.728	0.856	1.25 E	2
3	1.14 B	0.915B	0.650B	1.60E	6.59	21.1	12.6	1.68	1.21	0.749	0.842	1.21 E	3
4	1.14 B	0.890B	0.630E	2.00E	8.77	20.0	9.97	1.63	1.13	1.34	0.821	1.17 E	4
5	1.13 B	0.870B	0.610E	2.20E	13.2	15.5	9.99	1.52	1.10	1.34	0.822	1.20 E	5
6	1.12 B	0.850B	0.600E	2.65E	17.5	13.6	14.3	1.51	1.03	0.973	0.749	1.19 E	6
7	1.11 B	0.850B	0.605E	3.15E	12.0	15.8	11.3	1.40	0.966	0.906	0.810	1.18 E	7
8	1.10 B	0.900B	0.610E	3.45E	9.34	14.4	10.1	1.34	0.938	0.904	0.826	1.17 E	8
9	1.09 B	0.910B	0.630E	3.40E	9.01	14.1	9.43	1.27	0.881	1.22	0.879	1.15 E	9
10	1.05 B	0.905B	0.640E	3.40E	9.46	22.4	9.04	1.24	0.853	1.35	1.14	1.13 E	10
11	1.03 B	0.900B	0.630E	3.38E	9.55	23.3	9.03	1.24	0.858	0.971	2.61	1.10 E	11
12	1.02 B	0.890B	0.620E	3.35E	9.36	23.7	8.94	1.27	0.798	0.997	3.55	1.08 E	12
13	1.04 B	0.850B	0.615E	3.40E	8.75	20.6	7.92	1.26	0.786	0.957	4.33	1.05 E	13
14	1.05 B	0.780B	0.620E	3.52E	8.39	18.7	6.49	1.30	0.809	0.906	3.49	1.02 E	14
15	1.04 B	0.800B	0.620E	3.70E	8.26	17.8	5.51	1.16	0.787	0.897	2.80	1.00 E	15
16	1.01 B	0.795B	0.615E	3.95E	8.33	20.7	5.17	1.11	0.803	0.844	2.47	0.985E	16
17	0.950B	0.770B	0.610E	4.30E	8.94	18.6	4.62	1.08	0.911	0.823	2.30	0.970B	17
18	0.91CB	0.730B	0.610E	4.80E	9.35	18.8	4.10	1.15	0.835	0.863	1.98	0.920B	18
19	0.940B	0.730B	0.615E	5.50E	9.23	20.1	3.83	1.13	0.829	0.858	1.93	0.880B	19
20	1.02 B	0.760B	0.640E	6.20E	9.64	22.2	3.39	1.11	0.782	0.875	1.75	0.840B	20
21	1.11 B	0.780B	0.650E	7.00E	9.99	19.5	3.23	1.04	0.793	0.851	1.61	0.790B	21
22	1.16 B	0.784B	0.665E	7.60E	10.0	21.6	3.34	1.22	0.794	0.886	1.68	0.740B	22
23	1.05 B	0.775B	0.680A	8.05E	10.2	24.4	3.48	1.58	0.786	0.868	1.64 A	0.700B	23
24	1.06 B	0.745B	0.870E	8.10E	11.4	19.2	3.62	1.23	0.767	0.883	1.59 E	0.670B	24
25	1.05 B	0.730B	0.960E	7.70E	13.8	16.3	3.34	1.27	0.765	1.02	1.54 E	0.645B	25
26	1.03 B	0.690B	0.990E	7.20E	15.3	14.1	3.13	1.40	0.727	1.20	1.48 E	0.640B	26
27	1.01 B	0.680B	1.01 E	6.79A	14.0	12.7	2.97	1.30	0.751	1.16	1.43 E	0.645B	27
28	0.980B	0.680B	1.02 E	6.27	14.5	11.9	2.59	1.20	0.765	1.25	1.40 E	0.650B	28
29	0.985B		1.04 E	6.09	24.1	11.1	2.31	1.55	0.756	1.11	1.37 E	0.660B	29
30	0.950B		1.05 E	5.58	24.7	11.1	2.43	1.52	0.730	1.07	1.34 E	0.655B	30
31	0.910B		1.06 E		20.9		2.43	1.82		0.999		0.650B	31
TOTAL	32.495	22.779	22.510	136.91	355.77	545.3	200.38	42.40	26.819	30.553	30.937	29.220	TOTAL
MEAN	1.05	0.814	0.726	4.56	11.5	18.2	6.46	1.37	0.894	0.986	1.70	0.943	MEAN
MAX	1.16	0.920	1.06	8.10	24.7	24.4	14.3	2.38	1.56	1.35	4.33	1.28	MAX
MIN	0.910	0.680	0.600	1.20	5.49	11.1	2.31	1.04	0.727	0.725	0.749	0.640	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.10
MAXIMUM DAILY, 24.7 ON MAY 30
MINIMUM DAILY, 0.600E ON MAR 06
MAXIMUM INSTANTANEOUS,
32.4 AT 21:31 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 15 N
LONG 119 52 50 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 810	JUL	17 300
FEB	1 970	AUG	3 660
MAR	1 940	SEP	2 320
APR	11 800	OCT	2 640
MAY	30 700	NOV	4 400
JUN	47 100	DEC	2 520

TOTAL DISCHARGE, 129 000 dam³

HARRISON LAKE NEAR HARRISON HOT SPRINGS - STATION NO. 08MG012

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.837	8.891	8.764	8.873	9.533	10.210	11.092	10.14	9.599	9.261	9.917	10.32	1
2	8.836	8.878	8.749	8.915	9.488	10.305	11.045	10.14	9.573	9.247	9.872	10.20	2
3	8.821	8.917	8.735	8.959	9.466	10.460	11.012	10.13	9.553	9.242	9.825	10.11	3
4	8.809	8.933	8.722	8.993	9.454	10.759	10.935	10.10	9.520	9.454	9.772	10.22	4
5	8.806	8.955	8.709	9.026	9.484	10.937	10.846	10.07	9.471	9.651	9.725	10.25	5
6	8.883	8.964	8.714	9.062	9.564	10.999	10.807	10.04	9.437	9.681	9.678	10.17	6
7	8.973	8.952	8.747	9.100	9.614	11.012	10.831	10.05	9.421	9.634	9.630	10.08	7
8	9.062	8.952	8.781	9.143	9.636	10.985	10.810	10.04	9.407	9.587	9.591	10.02	8
9	9.103	8.941	8.817	9.186	9.639	10.915	10.790	10.01	9.406	9.534	9.727	10.01	9
10	9.153	8.973	8.859	9.202	9.649	10.863	10.768	10.00	9.415	9.513	10.212	9.981	10
11	9.167A	9.151	8.872	9.209	9.662	10.825	10.753	10.00	9.408	9.478	10.973	9.914	11
12	9.152E	9.243	8.860	9.234	9.674	10.788	10.751	10.01	9.410	9.451	11.262	9.844	12
13	9.132E	9.236	8.845	9.253	9.688	10.755	10.775	10.01	9.430	9.432	11.678	9.770	13
14	9.107E	9.201	8.834	9.257	9.706	10.750	10.794	10.04	9.416	9.413	11.871	9.704	14
15	9.092E	9.177	8.817	9.279	9.710	10.836	10.796	10.04	9.405	9.362	11.768	9.645	15
16	9.072E	9.141A	8.802	9.314	9.721	10.989	10.775	10.02	9.406	9.298	11.556	9.584	16
17	9.047E	9.079A	8.791	9.369	9.717	11.097	10.759	10.00	9.421	9.260	11.358	9.520	17
18	9.027A	9.029	8.809	9.438	9.713	11.155	10.707	9.956	9.413	9.234	11.147	9.518A	18
19	8.996	8.991	8.823	9.484	9.711	11.167	10.632	9.917	9.382	9.215	10.935A	9.444A	19
20	8.958	8.962	8.856	9.533	9.720	11.157	10.554	9.888	9.364	9.196	10.735A	9.334A	20
21	8.930	8.930	8.884	9.581	9.731	11.149	10.480	9.859	9.338	9.169	10.576	9.265E	21
22	8.920	8.904	8.923A	9.617	9.744	11.166	10.405	9.847	9.319	9.159	10.451	9.205E	22
23	8.903	8.873	8.906	9.633	9.754	11.221	10.336	9.865	9.306	9.145	10.637	9.145E	23
24	8.898	8.848	8.897	9.658	9.757	11.292	10.301	9.862	9.307	9.121	11.099	9.095E	24
25	8.901	8.830	8.885	9.678	9.752	11.330	10.270	9.826	9.314	9.198	11.101	9.055E	25
26	8.914	8.819	8.870	9.674	9.747	11.332	10.230	9.774	9.317	9.488	10.977	9.025E	26
27	8.919	8.801	8.864	9.660	9.746	11.307	10.216	9.718	9.323	9.625	10.818	9.035A	27
28	8.924	8.782	8.854	9.643	9.784	11.272	10.211	9.654	9.323	9.758	10.649	9.005A	28
29	8.931		8.846	9.611	9.879	11.213	10.196	9.606	9.290	9.853	10.545	8.935A	29
30	8.924		8.847	9.573	9.994	11.148	10.174	9.577	9.282	9.923	10.445	8.865E	30
31	8.915		8.856		10.10		10.151	9.600		9.946		8.885E	31
MEAN	8.971	8.977	8.824	9.339	9.695	10.980	10.619	9.931	9.399	9.436	10.618	9.587	MEAN
MAX	9.167	9.243	8.923	9.678	10.10	11.332	11.092	10.14	9.599	9.946	11.871	10.32	MAX
MIN	8.806	8.782	8.709	8.873	9.454	10.210	10.151	9.572	9.282	9.121	9.591	8.865	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 9.700
MAXIMUM DAILY, 11.871 ON NOV 14
MINIMUM DAILY, 8.709 ON MAR 05
MAXIMUM INSTANTANEOUS,
11.886 AT 09:27 PST ON NOV 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 31 N
LONG 121 46 25 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER BELOW MORRIS CREEK - STATION NO. 08MG022

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	10.075	10.643	9.670	---	---	9.523	9.759	1
2	---	---	---	---	---	10.202	10.576	9.663	---	---	9.508	9.682	2
3	---	---	---	---	---	10.415	10.532	9.655	---	---	9.468	9.626	3
4	---	---	---	---	---	10.720	10.466	9.636	---	---	9.441	9.703	4
5	---	---	---	---	---	10.852	10.394	9.614	---	---	9.415	9.701	5
6	---	---	---	---	---	10.827	10.365	9.595	---	---	9.385	9.652	6
7	---	---	---	---	---	10.780	10.382	9.598	---	---	9.346	9.595	7
8	---	---	---	---	9.350A	10.687	10.357	9.582	---	---	9.317	9.560	8
9	---	---	---	---	9.373	10.570	10.327	9.569	---	---	9.278	9.545	9
10	---	---	---	---	9.387	10.510	10.305	9.562	---	---	9.417	9.517	10
11	9.004A	---	---	---	9.387	10.469	10.285	9.570	---	---	9.783A	9.475	11
12	---	---	---	---	9.382	10.435	10.276	9.564	---	---	10.44A	9.423	12
13	---	---	---	---	9.381	10.456	10.292	9.563	---	---	10.76	9.371	13
14	---	---	---	---	9.387	10.604	10.292	9.588	---	---	10.81	9.328	14
15	---	---	---	---	9.388	10.776	10.284	9.587	---	---	10.70	9.287	15
16	---	---	---	---	9.388	10.922	10.281	9.571	---	---	10.55	9.234	16
17	---	---	---	---	9.387	10.965	10.255	9.552	---	---	10.43	9.199	17
18	8.856A	---	---	---	9.384	10.919	10.190	9.523	---	---	10.29	9.252	18
19	---	---	---	---	9.383	10.859	10.111	9.492	---	---	10.15	9.224	19
20	---	---	---	---	9.389	10.821	10.030	9.473	---	---	10.02	9.127	20
21	---	---	---	---	9.406	10.789	9.955	9.457	---	---	9.915	9.036	21
22	8.744A	---	---	---	9.419	10.802	9.885	9.445	---	---	9.836	8.982	22
23	8.736A	---	---	---	9.437	10.837	9.821	9.455	---	---	10.07	8.945	23
24	---	---	---	---	9.446	10.878	9.795	9.454	---	---	10.37	8.912	24
25	---	---	---	---	9.455	10.901	9.763	9.433	---	---	10.27	8.874	25
26	---	---	---	---	9.462	10.908	9.735	9.402	---	---	10.17	8.837	26
27	---	---	---	---	9.475	10.911	9.716	9.363	---	---	10.07	8.857	27
28	---	---	---	---	9.549	10.870	9.719	9.315	---	---	9.970	8.917	28
29	---		---	---	9.692	10.800	9.711	9.260A	---	---	9.904	---	29
30	---		---	---	9.819	10.725	9.696	---	---	9.465A	9.834	---	30
31	---		---		9.944		9.675	---		9.520		8.715A	31
MEAN	---	---	---	---	---	10.710	10.133	---	---	---	9.951	---	MEAN
MAX	---	---	---	---	---	10.965	10.643	---	---	---	10.81	---	MAX
MIN	---	---	---	---	---	10.075	9.675	---	---	---	9.278	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 10.965 ON JUN 17

MAXIMUM INSTANTANEOUS,
10.981 AT 10:55 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 121 54 06 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

DRAINAGE AREA,
7 950 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER NEAR HARRISON HOT SPRINGS - STATION NO. 08MG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	181	191	167	187	382	405	951	639	407	290	536	724	1
2	181	188	164	195	368	394	957	638	397	286	517	663	2
3	178	196	162	206	359	379	960	633	390	285	496	626	3
4	176	199	159	216	353	442	923	619	378	355	473	675	4
5	175	205	157	225	364	530	875	603	360	426	445	688	5
6	189	208	158	235	394	640	855	592	347	437	422	651	6
7	210	207	164	245	413	702	869	594	341	420	411	608	7
8	235	204	170	257	421	765	867	589	336	403	394	582	8
9	246	201	177	269	394	790	869	577	336	383	457	578	9
10	260	210	185	274	394	784	864	573	339	375	674	563	10
11	264A	260	187	276	405	776	864	575	336	362	1 060	535	11
12	260E	285	185	283	422	756	867	577	337	352	1 220	505	12
13	254E	283	182	288	436	697	883	578	344	345	1 450	473	13
14	247E	274	180	289	447	541	906	593	339	338	1 560	446	14
15	243E	267	177	295	448	479	920	592	335	322	1 510	424	15
16	238E	257	174	306	452	521	895	584	336	301	1 380	402	16
17	231E	239	172	324	451	617	898	571	341	290	1 270	378	17
18	215A	225	176	347	449	750	895	553	338	283	1 150	377	18
19	216	215	178	364	449	827	875	536	328	278	1 040A	350	19
20	206	207	184	382	452	855	843	524	322	272	935A	313	20
21	198	198	189	400	456	878	804	511	314	265	854	291	21
22	196	193	197	414	462	886	766	506	308	262	790	275	22
23	193	187	194	420	456	923	731	514	303	258	885	258	23
24	192	183	192	429	453	980	713	512	304	251	1 130	244	24
25	193	179	190	437	442	1 010	697	497	306	273	1 130	233	25
26	195	178	187	435	430	1 000	677	475	307	366	1 060	224	26
27	196	174	186	430	419	966	671	454	309	417	978	215B	27
28	197	171	184	423	396	960	669	427	309	468	891	217B	28
29	199		182	412	377	954	662	410	299	508	838	198B	29
30	197		183	398	391	940	651	397	296	539	787	184B	30
31	195		184		394		640	407		548		188B	31
TOTAL	6 566	5 984	5 526	9 661	12 926	22 147	25 517	16 848	10 042	10 958	26 743	13 098	TOTAL
MEAN	212	214	178	322	417	738	823	543	335	353	891	423	MEAN
MAX	264	285	197	437	462	1 010	960	639	407	548	1 560	724	MAX
MIN	175	171	157	187	353	379	640	397	296	251	394	184	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 455
MAXIMUM DAILY, 1 560 ON NOV 14
MINIMUM DAILY, 157 ON MAR 05
MAXIMUM INSTANTANEOUS,
1 580 AT 07:30 PST ON NOV 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 40 N
LONG 121 48 08 W
DRAINAGE AREA, 7 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	567 000	JUL	2 200 000
FEB	517 000	AUG	1 460 000
MAR	477 000	SEP	868 000
APR	835 000	OCT	947 000
MAY	1 120 000	NOV	2 310 000
JUN	1 910 000	DEC	1 130 000

TOTAL DISCHARGE, 14 300 000 dam³

HARROP CREEK NEAR HARROP - STATION NO. 08NJ027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.309	1.06	3.11	2.13	0.552	0.355	---	---	---	1
2	---	---	---	0.487	1.05	2.80	2.08	0.544	0.346	---	---	---	2
3	---	---	---	0.550	1.06	2.74	2.08	0.548	0.342	---	---	---	3
4	---	---	---	0.550	1.13	2.54	1.54	0.548	0.324	---	---	---	4
5	---	---	---	0.550	1.34	2.24	1.43	0.544	0.321	---	---	---	5
6	---	---	---	0.542	1.67	2.04	1.58	0.552	0.315	---	---	---	6
7	---	---	---	0.584	1.69	2.15	1.50	0.564	0.309	---	---	---	7
8	---	---	---	0.709	1.78	1.95	1.46	0.544	0.306	---	---	---	8
9	---	---	---	0.709	1.43	1.82	1.40	0.544	0.303	---	---	---	9
10	---	---	---	0.655	1.55	2.24	1.33	0.540	0.303	---	---	---	10
11	---	---	---	0.551	1.60	2.39	1.33	0.540	0.270	---	---	---	11
12	---	---	---	0.628	1.55	2.51	1.13	0.540	0.296	---	---	---	12
13	---	---	---	0.601	1.55	1.76	1.10	0.535	0.290	---	---	---	13
14	---	---	---	0.637	1.53	1.67	1.13	0.523	0.287	---	---	---	14
15	---	---	---	0.654	1.44	1.67	1.13	0.507	0.284	---	---	---	15
16	---	---	---	0.726	1.38	1.50	1.04	0.499	0.284	---	---	---	16
17	---	---	---	0.780	1.32	1.42	0.952	0.499	0.281	---	---	---	17
18	---	---	---	0.822	1.29	1.42	0.893	0.496	0.279	---	---	---	18
19	---	---	---	0.877	1.32	1.42	0.781	0.496	0.279	---	---	---	19
20	---	---	---	1.00	1.32	1.69	0.713	0.487	0.277	---	---	---	20
21	---	---	---	1.14	1.35	1.65	0.505	0.497E	0.275	---	---	---	21
22	---	---	---	1.23	1.38	1.62	0.625	0.507	0.275	---	---	---	22
23	---	---	---	1.43	1.49	1.58	0.617	0.543	0.271	---	---	---	23
24	---	---	---	1.43	1.70	2.38	0.677	0.559	0.273	---	---	---	24
25	---	---	---	1.35	1.84	3.62	0.707	0.383	0.271	---	---	---	25
26	---	---	---	1.19	2.39	3.15	0.725	0.383	0.267	---	---	---	26
27	---	---	---	1.28	2.46	2.79	0.707	0.379	0.263	---	---	---	27
28	---	---	---	1.12	2.25	2.64	0.677	0.379	0.263	---	---	---	28
29	---	---	---	1.09	2.49	2.54	0.655	0.379	0.263	---	---	---	29
30	---		---	1.10	3.05	2.42	0.625	0.564E	0.263	---	---	---	30
31	---		---		3.02		0.552	0.363		---		---	31
TOTAL	---	---	---	25.281	51.48	65.47	33.801	15.538	8.735	---	---	---	TOTAL
MEAN	---	---	---	0.843	1.66	2.18	1.09	0.501	0.291	---	---	---	MEAN
MAX	---	---	---	1.43	3.05	3.62	2.13	0.564	0.355	---	---	---	MAX
MIN	---	---	---	0.309	1.05	1.42	0.505	0.363	0.263	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.62 ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 41 N
LONG 117 03 32 W
DRAINAGE AREA, 42.2 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 920
FEB	---	AUG	1 340
MAR	---	SEP	755
APR	2 180	OCT	---
MAY	4 450	NOV	---
JUN	5 660	DEC	---

HAT CREEK NEAR CACHE CREEK - STATION NO. 08LF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.089B	0.240B	0.195B	0.560E	0.566	5.21	1.96	0.750E	0.570E	0.345E	0.312E	0.208B	1
2	0.091B	0.260B	0.192B	0.620E	0.658	4.76	2.32	0.720E	0.550E	0.340E	0.310E	0.218B	2
3	0.088B	0.285B	0.190B	0.611A	0.805	4.73	2.87	0.700E	0.540E	0.340E	0.318E	0.227B	3
4	0.120B	0.315B	0.196B	0.539	0.867	4.64	2.29	0.675E	0.538E	0.340E	0.335E	0.228B	4
5	0.180B	0.300B	0.201B	0.534	0.953	4.23	2.03	0.645E	0.536E	0.345E	0.365E	0.224B	5
6	0.260B	0.330B	0.206B	0.530	1.23	3.89	2.56	0.620E	0.538E	0.353E	0.370E	0.229B	6
7	0.380B	0.300B	0.214B	0.549	1.28	3.81	6.66	0.595E	0.540E	0.365E	0.390E	0.235B	7
8	0.340B	0.265B	0.226B	0.562	1.11	3.61	5.77	0.570E	0.530E	0.373E	0.395E	0.230B	8
9	0.350B	0.268B	0.215B	0.562	1.04	3.44	4.93	0.565E	0.525E	0.360E	0.410E	0.227B	9
10	0.330B	0.280B	0.208B	0.537	1.02	4.23	4.67	0.560E	0.508E	0.352E	0.480E	0.225B	10
11	0.310B	0.302B	0.200B	0.498	1.07	4.45	4.22	0.555E	0.490E	0.350E	0.540E	0.222B	11
12	0.310B	0.293B	0.189B	0.510	1.13	4.08	3.86	0.540E	0.490E	0.357E	0.440E	0.220B	12
13	0.311B	0.250B	0.198B	0.511	1.23	4.00	3.62	0.530E	0.485E	0.359E	0.437E	0.210B	13
14	0.315B	0.231B	0.210B	0.522	1.34	4.00	3.39	0.518E	0.480E	0.360E	0.420E	0.203B	14
15	0.308B	0.242B	0.208B	0.519	1.36	3.80	3.12	0.505E	0.470E	0.358E	0.390E	0.200B	15
16	0.310B	0.253B	0.218B	0.548	1.38	3.97	2.82	0.496E	0.460E	0.350E	0.355E	0.200B	16
17	0.290B	0.200B	0.230B	0.549	1.55	4.40	2.58	0.480E	0.455E	0.345E	0.335E	0.197B	17
18	0.270B	0.182B	0.251B	0.611	1.73	4.23	2.47	0.475E	0.450E	0.335E	0.310B	0.191B	18
19	0.265B	0.193B	0.250B	0.698	1.90	4.15	2.39	0.470E	0.442E	0.330A	0.305B	0.182B	19
20	0.266B	0.203B	0.270B	0.700	1.86	4.23	2.09 E	0.465E	0.420E	0.332E	0.301B	0.180B	20
21	0.272B	0.216B	0.300B	0.766	1.88	4.12	1.70 E	0.460A	0.405E	0.336E	0.298B	0.188B	21
22	0.286B	0.210B	0.320B	0.774	1.79	3.79	1.40 E	0.458E	0.390E	0.340E	0.303B	0.196B	22
23	0.300B	0.220B	0.318B	0.784	1.78	3.64	1.18 E	0.452E	0.380E	0.344A	0.310B	0.202B	23
24	0.299B	0.222B	0.350B	0.838	1.83	3.15	1.03 E	0.480E	0.380E	0.338E	0.290B	0.203B	24
25	0.318B	0.219B	0.380B	0.829	2.20	3.06	1.04 E	0.510E	0.382E	0.334E	0.270B	0.198B	25
26	0.314B	0.215B	0.402B	0.796	2.76	2.76	1.00 E	0.538E	0.370E	0.326E	0.255B	0.191B	26
27	0.310B	0.208B	0.439A	0.731	3.25	2.60	0.962E	0.543A	0.365E	0.317E	0.240B	0.190B	27
28	0.295B	0.201B	0.465E	0.690	4.32	2.49	0.910E	0.525E	0.360E	0.307E	0.230B	0.195B	28
29	0.260B		0.510E	0.613	5.24	2.27	0.864E	0.520E	0.355E	0.310E	0.215B	0.206B	29
30	0.220B		0.515E	0.583	5.26	2.10	0.820E	0.575E	0.352E	0.311E	0.208B	0.222B	30
31	0.210B		0.520E		5.03		0.790E	0.600E		0.312E		0.232B	31
TOTAL	8.267	6.911	8.786	18.674	59.439	114.04	78.316	17.095	13.756	10.564	10.137	6.479	TOTAL
MEAN	0.267	0.247	0.283	0.623	1.92	3.80	2.53	0.552	0.459	0.341	0.338	0.209	MEAN
MAX	0.380	0.330	0.520	0.838	5.26	5.21	6.66	0.750	0.570	0.373	0.540	0.235	MAX
MIN	0.088	0.182	0.189	0.498	0.566	2.10	0.790	0.452	0.352	0.307	0.208	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.966
MAXIMUM DAILY, 6.66 ON JUL 07
MINIMUM DAILY, 0.088B ON JAN 03
MAXIMUM INSTANTANEOUS,
7.13 AT 14:42 PST ON JUL 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 121 25 13 W
DRAINAGE AREA, 658 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	714	JUL	6 770
FEB	597	AUG	1 480
MAR	759	SEP	1 190
APR	1 610	OCT	913
MAY	5 140	NOV	876
JUN	9 850	DEC	560

TOTAL DISCHARGE, 30 500 dam³

HEDLEY CREEK NEAR THE MOUTH - STATION NO. 08NL050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.651	0.545B	0.439	0.900	6.12	22.1	6.04	1.50	1.46 E	0.448	0.444	1.29	1
2	0.650	0.535B	0.416	1.07	6.41	26.0	5.93	1.38	1.23 E	0.469	0.280E	1.32	2
3	0.628	0.535B	0.415	1.24	6.86	24.5	6.45	1.30	1.02	0.522	0.435	1.31	3
4	0.617	0.545B	0.415	1.49	9.18	22.1	5.48	1.24	0.932	0.822	0.495	1.29	4
5	0.595	0.555	0.408	1.51	10.2	18.9	5.08	1.14	0.885	0.968	0.435	1.28	5
6	0.595	0.529	0.415	1.89	10.5	15.4	8.81	1.04	0.843	0.718	0.250E	1.20	6
7	0.606	0.529	0.435	2.24	9.50	13.8	7.62	0.919	0.791	0.567	0.418	1.14	7
8	0.606	0.521	0.454	2.41	9.18	17.5	6.04	0.885	0.760	0.636	0.486	1.13	8
9	0.605	0.521	0.407	2.36	7.97	16.6	5.28	0.864	0.739	0.749	0.576	1.14	9
10	0.572	0.513	0.415	2.32	8.14	28.0	4.68	0.895	0.718	0.791	2.41	1.13	10
11	0.560B	0.513	0.431	2.27	9.98	21.6	4.07	1.15	0.697	0.697	3.02	1.09	11
12	0.565B	0.513	0.470	2.52	10.4	20.7	4.28	1.05	0.677	0.708	2.99	0.993	12
13	0.580B	0.505B	0.446	2.77	10.7	20.2	3.97	1.03	0.667	0.677	2.30	0.880B	13
14	0.599	0.485B	0.415	3.80	11.5	19.3	3.53	0.968	0.656	0.646	1.81	0.920B	14
15	0.616	0.460B	0.415	4.50	8.93	17.5	3.27	0.919	0.636	0.677	1.32	0.970B	15
16	0.616	0.420B	0.423	5.74	9.18	17.1	3.02	0.895	0.760	0.605	1.35	0.880B	16
17	0.625	0.405B	0.438	6.32	9.71	17.5	2.74	0.956	0.864	0.418	1.36	0.860B	17
18	0.567B	0.415B	0.478	6.61	9.84	18.0	2.55	1.12	0.760	0.667	1.21	0.900B	18
19	0.530B	0.453B	0.511	6.96	10.0	16.2	2.47	1.10	0.708	0.504	1.15	0.580B	19
20	0.515B	0.465B	0.519	7.13	10.5	13.0	2.45	1.05	0.656	0.495	1.03	0.440B	20
21	0.515B	0.475B	0.527	7.58	10.9 E	13.7	2.08	0.993	0.636	0.452	0.950	0.480B	21
22	0.540B	0.480B	0.430	7.97	11.2	13.3	2.00	1.89	0.605	0.469	1.12	0.510B	22
23	0.570B	0.471	0.446	7.69	12.7	10.7	1.94	1.38	0.576	0.314	1.13	0.550B	23
24	0.598	0.463	0.278	7.46	13.1	10.4	1.24	1.21	0.567	0.427	1.04	0.590B	24
25	0.581	0.471	0.338	6.93	12.4	9.74	2.94	2.02	0.549	0.461	2.34	0.630B	25
26	0.607	0.463	0.486	6.61	14.1	9.12	2.81	1.71	0.531	0.749	1.64	0.660B	26
27	0.595B	0.463	0.469	6.17	18.9	7.89	2.38	1.36	0.513	0.749	2.04	0.600B	27
28	0.581	0.455	0.453	5.50	23.4	6.97	2.02	1.18	0.504	0.677	1.61	0.520B	28
29	0.572		0.485	4.98	37.8	6.56	1.72	1.05	0.504	0.513	1.47	0.480B	29
30	0.581		0.543	4.34	24.0	6.30	1.64	2.02	0.478	0.595	1.55	0.530B	30
31	0.570B		0.666		30.5		1.85	1.72		0.540		0.570B	31
TOTAL	18.208	13.703	13.886	131.280	393.80	486.68	118.38	37.934	21.922	18.730	40.559	26.863	TOTAL
MEAN	0.587	0.489	0.448	4.38	12.7	16.2	3.82	1.22	0.731	0.604	1.35	0.867	MEAN
MAX	0.651	0.555	0.666	7.97	37.8	28.0	8.81	2.02	1.46	0.968	3.02	1.32	MAX
MIN	0.515	0.405	0.278	0.900	6.12	6.30	1.64	0.864	0.478	0.314	0.250	0.440	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.62
MAXIMUM DAILY, 37.8 ON MAY 29
MINIMUM DAILY, 0.250E ON NOV 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 21 54 N
LONG 120 03 59 W
DRAINAGE AREA, 389 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 570	JUL	10 200
FEB	1 180	AUG	3 280
MAR	1 200	SEP	1 890
APR	11 300	OCT	1 620
MAY	34 000	NOV	3 500
JUN	42 000	DEC	2 320

TOTAL DISCHARGE, 114 000 dam³

HELLER CREEK ABOVE DIVERSIONS - STATION NO. 08LF091

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.056	0.877	2.51	0.411	0.536	0.100	---	---	---	1
2	---	---	---	0.086	1.38	2.02	0.448	0.316	0.084	---	---	---	2
3	---	---	---	0.108	2.02	4.43	0.456	0.190	0.075	---	---	---	3
4	---	---	---	0.111	2.09	2.55	0.383E	0.174	0.063	---	---	---	4
5	---	---	---	0.159	3.16	1.72	0.500E	0.136	0.059	---	---	---	5
6	---	---	---	0.208	3.74	1.56	5.54	0.121	0.050	---	---	---	6
7	---	---	---	0.293	2.20	1.70	3.87	0.100	0.043	---	---	---	7
8	---	---	---	0.271	1.76	1.49	2.21	0.088	0.040	---	---	---	8
9	---	---	---	0.234	1.65	1.27	1.50	0.324	0.035	---	---	---	9
10	---	---	---	0.286	1.81	2.01	1.19	0.074	0.032	---	---	---	10
11	---	---	---	0.245	1.98	3.22	0.795	0.071	0.030	---	---	---	11
12	---	---	---	0.299	2.27	6.30	0.590	0.063	0.029	---	---	---	12
13	---	---	---	0.420	1.77	9.50	0.485	0.057	0.024	---	---	---	13
14	---	---	---	0.420	1.54	6.09	0.476	0.057	0.026	---	---	---	14
15	---	---	---	0.614	1.45	3.81	0.416	0.051	0.024	---	---	---	15
16	---	---	---	0.673	1.43	3.15	0.318	0.047	0.026	---	---	---	16
17	---	---	---	0.804	2.25	2.61	0.282	0.042	0.061	---	---	---	17
18	---	---	---	1.06	2.29	2.31	0.291	0.047	0.048	---	---	---	18
19	---	---	---	1.16	2.45	2.55	0.280	0.060	0.034	---	---	---	19
20	---	---	---	1.31	2.07	2.53	0.255	0.064	0.031	---	---	---	20
21	---	---	---	1.39	1.96	2.03	0.188	0.075	0.025	---	---	---	21
22	---	---	---	1.32	2.41	1.44	0.172	0.138	0.024	---	---	---	22
23	---	---	---	1.51	2.26	1.45	0.170	0.191	0.021	---	---	---	23
24	---	---	---	1.64	2.88	1.17	0.303	0.128	0.017	---	---	---	24
25	---	---	---	1.31	6.44	0.993	0.282	0.123	0.022	---	---	---	25
26	---	---	0.020B	1.09	5.98	0.653	0.538	0.118	0.022	---	---	---	26
27	---	---	0.025B	0.926	3.95	0.506	0.269	0.115	0.013	---	---	---	27
28	---	---	0.030B	0.853	4.33	0.515	0.208	0.086	0.011	---	---	---	28
29	---	---	0.035B	0.828	6.03	0.426	0.167	0.096	0.009	---	---	---	29
30	---		0.040B	0.710	4.21	0.414	0.140	0.134	0.011	---	---	---	30
31	---		0.045B		3.07		1.38	0.125		---		---	31
TOTAL	---	---	---	20.416	83.807	72.937	24.505	3.947	1.089	---	---	---	TOTAL
MEAN	---	---	---	0.681	2.70	2.43	0.791	0.127	0.036	---	---	---	MEAN
MAX	---	---	---	1.64	6.44	9.50	5.54	0.536	0.100	---	---	---	MAX
MIN	---	---	---	0.056	0.877	0.414	0.140	0.042	0.009	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 9.50 ON JUN 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 37 N
LONG 120 45 13 W
DRAINAGE AREA, 46.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 120
FEB	---	AUG	341
MAR	---	SEP	94.1
APR	1 760	OCT	---
MAY	7 240	NOV	---
JUN	6 300	DEC	---

HIDDEN CREEK NEAR THE MOUTH - STATION NO. 08NE114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.484	0.426	0.327	1.64	3.16	8.74	3.88	0.819	0.532	0.190	0.592	2.04	1
2	0.467	0.431	0.334	2.55	3.27	7.82	3.36	0.676	0.483	0.191	0.459	1.86	2
3	0.457	0.424	0.333	3.31	3.61	7.22	3.18	0.617	0.412	0.191A	0.429	1.71	3
4	0.455	0.416	0.336	3.09	4.75	7.55	2.72	0.582	0.379	0.250E	0.411	1.64	4
5	0.446	0.408	0.331	3.04	6.73	7.24	2.71	0.539	0.350	0.360E	0.378	1.49	5
6	0.435B	0.400	0.342	3.11	7.48	6.59	2.87	0.514	0.321	0.250E	0.328	1.43	6
7	0.450B	0.399	0.385	3.38	5.95	7.72	2.45	0.487	0.297	0.240E	0.354	1.34	7
8	0.465B	0.396	0.420B	3.84	4.91	7.95	2.14	0.450	0.288	0.250E	0.346	1.23	8
9	0.520B	0.393	0.435B	3.71	4.26	7.28	2.16	0.435	0.276	0.260E	2.39	1.26	9
10	0.560B	0.371	0.446	3.25	3.99	11.5 A	2.12	0.416	0.269	0.258E	6.67	1.32	10
11	0.540B	0.405	0.447	2.94	4.00	10.3 E	2.07	0.414	0.263	0.257E	4.27	1.30	11
12	0.505B	0.413	0.418	3.23	4.22	9.77A	2.00	0.391	0.258	0.259E	2.65	1.19	12
13	0.500B	0.353	0.407	3.15	4.38	7.79	1.93	0.369	0.254	0.255E	2.70	1.14	13
14	0.480B	0.340B	0.409	3.34	4.23	7.01	1.64	0.355	0.247	0.243E	2.36	1.12	14
15	0.435B	0.336B	0.403	3.75	4.04	6.36	1.43	0.339	0.234	0.240E	1.83	1.06	15
16	0.405B	0.355B	0.413	4.42	3.83	7.55	1.33	0.329	0.240	0.255E	1.57	1.03	16
17	0.400B	0.365B	0.451	4.60	3.69	8.10	1.21	0.322	0.288	0.265E	1.47	1.02	17
18	0.385B	0.355B	0.440	4.94	3.83	7.40	1.10	0.304	0.255	0.273E	1.21	0.994	18
19	0.371B	0.358B	0.470	5.55	4.32	7.22	1.01	0.311	0.237	0.265E	1.15	0.644	19
20	0.380B	0.360B	0.630	5.88	4.26	7.07	0.947	0.313	0.224	0.256E	1.08	0.800B	20
21	0.405B	0.359	0.756	6.56	4.32	6.68	0.891	0.391	0.226	0.260E	1.01	0.890B	21
22	0.420B	0.350	0.759	7.23	4.53	6.71	0.857	0.493	0.218	0.262E	1.10	0.880B	22
23	0.415B	0.345	0.781	7.36	6.05	7.14	0.834	0.510	0.204	0.265E	1.55	0.840B	23
24	0.410B	0.332	0.751	8.04	6.47	7.00	0.823	0.372	0.200	0.300E	4.70	0.800B	24
25	0.405B	0.333	0.716	6.21	6.85	6.48	1.16	0.562	0.203	0.350E	8.71	0.760B	25
26	0.420B	0.334	0.689	5.17	6.45	5.79	1.40	0.614	0.200	0.375E	4.88	0.725B	26
27	0.425B	0.328	0.667	4.46	6.03	5.08	1.44	0.418	0.196	0.350E	3.58	0.670B	27
28	0.423B	0.324	0.676	4.03	6.89	4.53	1.02	0.367	0.192	0.365E	2.86	0.650B	28
29	0.426B		0.704	3.51	9.00	4.33	0.913	0.341	0.192	0.420E	2.61	0.640B	29
30	0.430B		0.805	3.24	10.1	4.67	0.798	0.742	0.186	0.550E	2.30	0.620B	30
31	0.427		1.09		8.40		0.878	0.896		0.755A		0.590B	31
TOTAL	13.746	10.409	16.571	128.53	164.00	216.59	53.271	14.688	8.094	9.260	65.947	33.683	TOTAL
MEAN	0.443	0.372	0.535	4.28	5.29	7.22	1.72	0.474	0.270	0.299	2.20	1.09	MEAN
MAX	0.560	0.431	1.09	8.04	10.1	11.5	3.88	0.896	0.532	0.755	8.71	2.04	MAX
MIN	0.371	0.324	0.327	1.64	3.16	4.33	0.798	0.304	0.186	0.190	0.328	0.590	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.01
MAXIMUM DAILY, 11.5A ON JUN 10
MINIMUM DAILY, 0.186 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 04 N
LONG 117 14 17 W
DRAINAGE AREA, 56.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 190	JUL	4 600
FEB	899	AUG	1 270
MAR	1 430	SEP	699
APR	11 100	OCT	800
MAY	14 200	NOV	5 700
JUN	18 700	DEC	2 910

TOTAL DISCHARGE, 63 500 dam³

HIRSCH CREEK NEAR THE MOUTH - STATION NO. 08FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.8	2.30B	5.55B	22.5	21.5	49.5	54.6	16.5	6.60	16.7	9.99	11.6	1
2	19.1	2.28B	5.90B	23.4	24.7	49.3	44.9	11.7	5.46	13.6	8.86	10.6	2
3	18.6	2.22B	6.40B	19.3	35.9	60.0	33.6	13.9	4.70	8.21	11.9	52.9	3
4	17.9	2.20B	7.28	17.1	45.2	46.7	34.9	15.5	4.41	6.14	18.0	69.9	4
5	35.1	2.18B	9.62	16.2	55.3	35.9	39.4	14.4	5.06	5.26	14.5	27.6	5
6	43.7	2.19B	11.4	15.9	47.5	32.9	39.4	17.3	4.94	4.76	11.7	91.9	6
7	36.3	2.21B	9.52	16.4	29.0	36.7	39.5	14.4	5.01	9.01	20.9	193	7
8	38.0	2.28B	7.08	16.5	24.1	37.0	34.7	11.1	5.23	43.4	16.6	96.5	8
9	30.3	2.35B	6.19	17.1	27.5	36.4	32.1	16.6	4.77	70.4	12.5	35.0	9
10	24.7	2.70B	5.96	10.9	32.5	36.2	33.9	16.9	4.18	22.7	10.7	22.0	10
11	21.6	3.01B	5.67	10.5	35.1	37.8	32.5	18.5	4.07	15.7	9.60	16.8	11
12	18.1	3.00B	5.61	12.7	37.2	37.2	31.3	19.0	4.15	26.9	159	13.9	12
13	15.6	2.94B	7.16	18.6	35.1	38.0	27.1	18.4	4.17	19.0	62.3	12.4	13
14	9.40	2.92B	10.9	25.0	36.0	49.5	20.9	14.9	4.09	12.6	29.4	11.4	14
15	9.53	2.90B	11.6	27.8	37.2	50.8	22.8	14.0	4.86	9.92	26.0	9.91	15
16	8.13	2.80B	16.3	33.7	30.0	37.1	23.3	13.8	5.66	8.62	45.9	9.56	16
17	7.00B	2.79B	16.1	40.3	28.4	32.0	18.8	12.0	4.37	7.94	24.6	9.40B	17
18	5.60B	2.78B	17.3	32.7	29.4	28.4	16.9	11.4	5.52	15.7	20.1	9.20B	18
19	5.00B	2.73B	21.8	31.5	30.4	47.2	19.3	10.1	4.92	11.6	21.4	8.50B	19
20	6.00B	4.18B	23.4	31.6	35.4	55.8	21.6	11.3	4.11	9.97	16.9	7.80B	20
21	5.30B	4.95B	24.9	29.8	60.9	55.5	22.9	11.8	4.79	18.5	15.0	7.50B	21
22	4.40B	5.20B	18.3	27.0	38.6	56.2	23.6	10.3	4.54	16.1	14.0	7.35B	22
23	3.60B	4.60B	13.3	29.4	32.8	42.9	24.5	8.00	5.49	49.6	13.3	7.25B	23
24	3.30B	4.58B	12.0	25.4	33.0	32.1	25.3	7.37	6.13	124	12.5	7.50B	24
25	3.00B	4.58B	12.4	18.4	36.4	32.3	24.6	6.05	7.10	28.3	11.9 B	8.30B	25
26	2.80B	4.60B	12.1	20.2	42.1	39.1	20.7	5.30	4.62	18.4	13.3 B	10.0 B	26
27	2.68B	4.75B	12.3	18.7	59.5	35.6	16.3	4.98	3.69	43.5	14.8	9.40B	27
28	2.53B	4.99B	15.0	15.7	75.1	44.0	14.8	5.15	13.6	21.9	16.4	8.65B	28
29	2.45B		19.1	14.9	63.4	58.6	16.9	6.22	13.5	15.2	16.5	8.00B	29
30	2.40B		22.7	17.5	53.6	58.2	19.6	6.39	17.0	13.8	13.5	7.75B	30
31	2.37B		20.7		49.9		20.9	7.32		12.9		7.60B	31
TOTAL	428.49	91.21	392.52	640.8	1 222.7	1 275.9	851.6	372.88	176.74	700.03	691.15	809.17	TOTAL
MEAN	13.8	3.26	12.7	21.4	39.4	42.5	27.5	12.0	5.89	22.6	23.0	26.1	MEAN
MAX	43.7	5.20	24.9	40.3	75.1	60.0	54.6	19.0	17.0	124	159	193	MAX
MIN	2.37	2.18	5.55	10.5	21.5	32.0	14.8	4.98	3.69	4.76	8.86	7.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.0
MAXIMUM DAILY, 193 ON DEC 07
MINIMUM DAILY, 2.18B ON FEB 05
MAXIMUM INSTANTANEOUS, 360 AT 11:25 PST ON NOV 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 03 48 N
LONG 128 36 00 W
DRAINAGE AREA, 347 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 000	JUL	73 600
FEB	7 880	AUG	32 200
MAR	33 900	SEP	15 300
APR	55 400	OCT	60 500
MAY	106 000	NOV	59 700
JUN	110 000	DEC	69 900

TOTAL DISCHARGE, 661 000 dam³

HIVUHILL CREEK ABOVE DIVERSIONS - STATION NO. 08LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.02E	2.57	3.89	0.900E	0.327	0.285	0.115	---	---	1
2	---	---	---	1.23E	2.74	3.07	0.800E	0.315	0.238	0.118	---	---	2
3	---	---	---	1.80E	2.94	2.81	0.670E	0.321	0.216	0.119	---	---	3
4	---	---	---	2.06E	3.47	2.70	0.580E	0.327	0.198	0.116	---	---	4
5	---	---	---	1.80E	5.12	2.58	0.630E	0.312	0.194	0.115	---	---	5
6	---	---	---	1.98E	4.52	2.65	0.655	0.295	0.192	0.112	---	---	6
7	---	---	---	2.15E	3.30	2.47	0.650	0.280	0.190	0.111	---	---	7
8	---	---	---	2.00E	2.95	2.40	0.645	0.238	0.182	0.106	---	---	8
9	---	---	---	1.81E	2.82	2.53	0.756	0.230	0.176	0.112	---	---	9
10	---	---	---	1.68E	2.74	2.99	0.622	0.200	0.166	0.109	---	---	10
11	---	---	---	1.72E	2.66	3.72	0.597	0.190	0.160	0.114	---	---	11
12	---	---	---	1.87E	2.62	4.57	0.579	0.184	0.154	0.112	---	---	12
13	---	---	---	2.05E	2.56	5.83	0.555	0.182	0.146	0.115	---	---	13
14	---	---	---	2.26	2.38	5.36	0.540	0.178	0.144	0.114	---	---	14
15	---	---	---	2.35	2.45	4.98	0.516	0.176	0.148	0.118	---	---	15
16	---	---	---	2.48	2.39	5.05	0.498	0.174	0.156	0.125	---	---	16
17	---	---	---	2.66	2.34	3.12	0.480	0.172	0.149	0.138	---	---	17
18	---	---	---	2.71	2.40	2.46	0.471	0.170	0.145	0.140	---	---	18
19	---	---	---	2.82	2.93	2.09	0.456	0.166	0.142	0.134	---	---	19
20	---	---	---	2.84	3.01	1.83	0.444	0.180	0.136	0.130	---	---	20
21	---	---	---	3.66	2.52	1.74	0.423	0.198	0.132	0.136	---	---	21
22	---	---	---	4.66	2.46	1.69	0.408	0.220	0.127	0.138	---	---	22
23	---	---	---	5.13	2.42	1.61	0.390	0.236	0.121	0.133	---	---	23
24	---	---	---	5.27	2.30	1.50	0.393	0.258	0.118	0.130	---	---	24
25	---	---	---	3.27	5.46	1.48	0.390	0.278	0.114	0.136	---	---	25
26	---	---	---	3.13	4.97	1.00 E	0.378	0.305	0.116	0.139	---	---	26
27	---	---	---	2.89	4.92	0.640E	0.369	0.318	0.108	0.143	---	---	27
28	---	---	---	2.75	5.02	0.540E	0.360	0.310	0.103	0.151	---	---	28
29	---	---	---	2.50	5.19	0.610E	0.354	0.327	0.101	0.154	---	---	29
30	---	---	---	2.28	5.30	0.750E	0.342	0.348	0.108	0.155	---	---	30
31	---	---	---		4.78		0.345	0.324		0.153	---	---	31
TOTAL	---	---	---	76.83	105.25	78.660	16.196	7.739	4.665	3.941	---	---	TOTAL
MEAN	---	---	---	2.56	3.40	2.62	0.523	0.250	0.156	0.127	---	---	MEAN
MAX	---	---	---	5.27	5.46	5.83	0.900	0.348	0.285	0.155	---	---	MAX
MIN	---	---	---	1.02	2.34	0.540	0.342	0.166	0.101	0.106	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.83 ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 53 08 N
LONG 119 43 58 W
DRAINAGE AREA, 69.7 km²

E - ESTIMATED

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 400
FEB	---	AUG	669
MAR	---	SEP	403
APR	6 640	OCT	341
MAY	9 090	NOV	---
JUN	6 800	DEC	---

HOMATHKO RIVER AT INLET TO TATLAYOKO LAKE - STATION NO. 08GD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.630B	0.445B	0.475B	0.880E	1.58	5.62E	3.44E	3.31E	1.68 E	1.01	0.880	0.985B	1
2	0.610B	0.460B	0.473B	0.950E	1.29	5.67E	3.38E	3.25	1.60 E	1.10	0.848	1.01 B	2
3	0.605B	0.480B	0.470B	0.995E	5.58	5.58E	3.28E	3.05E	1.52 E	1.03	0.825B	1.07 B	3
4	0.595B	0.475B	0.490B	0.980E	5.97	5.43	2.92E	2.84E	1.39 E	1.29	0.790B	1.12 B	4
5	0.580B	0.455B	0.495B	1.05 E	3.57	4.69	2.84E	2.85E	1.29 E	1.39	0.770B	1.10 B	5
6	0.600B	0.460B	0.490B	1.15 E	3.98	4.31	3.60E	3.09E	1.23 E	1.21	0.750B	1.09 B	6
7	0.630B	0.465B	0.480B	1.22 E	3.78	4.09E	4.84E	3.15E	1.18 E	1.14	0.745B	1.07 B	7
8	0.640B	0.475B	0.475B	1.30 E	3.36	3.95E	5.04E	2.77E	1.18 E	1.07	0.760B	1.09 B	8
9	0.610B	0.480B	0.473B	1.20 E	3.03	3.59E	4.65E	2.41E	1.26 E	1.02	0.775	1.05 B	9
10	0.550B	0.490B	0.470B	1.10 E	3.04	3.80E	3.98E	2.42E	1.31	0.977	0.790	1.01 B	10
11	0.540B	0.495B	0.480B	1.02 E	3.14	4.71E	3.52E	2.54E	1.28	0.954	1.15	0.970B	11
12	0.535B	0.465B	0.505B	1.07 E	3.37	4.51	3.55E	2.80E	1.26	0.901	1.61	0.940B	12
13	0.530B	0.450B	0.540B	1.14 E	3.72	4.35E	4.02E	3.04E	1.24	0.902	1.30	0.935B	13
14	0.520B	0.430B	0.580B	1.25 E	3.70	4.29E	4.06E	2.92E	1.16	0.840	2.47	0.945B	14
15	0.510B	0.405B	0.640B	1.35 E	3.68	4.24E	4.06E	2.87E	1.12	0.810	1.99	0.930B	15
16	0.510B	0.390B	0.750B	1.50 E	3.81	4.36E	3.99E	2.50E	1.15	0.801	2.03	0.900B	16
17	0.490B	0.395B	0.755B	1.80 E	4.00	4.17E	3.93E	2.26E	1.17	0.809	1.92	0.870B	17
18	0.480B	0.425B	0.745B	1.95 E	4.31	4.06E	3.88	2.24E	1.15	0.844	1.53	0.840B	18
19	0.480B	0.450B	0.740B	1.90 E	4.55	4.58E	3.71E	2.20E	1.12	0.834	1.53	0.810B	19
20	0.500B	0.465B	0.720B	1.85 E	4.42	4.96E	3.27E	2.11E	1.10	0.801	1.18	0.840B	20
21	0.540B	0.476B	0.700B	1.80 E	4.25	5.08E	2.97E	2.07E	1.10	0.893	1.08	0.850B	21
22	0.555B	0.480B	0.680B	1.79 E	4.06	5.22E	2.89E	2.21E	1.07	0.826	1.02 B	0.865B	22
23	0.530B	0.490B	0.670B	1.86 A	3.94	6.30E	3.10E	2.10E	1.11	0.800	1.03 B	0.875B	23
24	0.520B	0.500B	0.650B	2.07	4.07A	6.33E	3.65E	2.39E	1.16	0.915	1.12 B	0.880B	24
25	0.560B	0.495B	0.640B	2.24	4.07	5.46E	3.86E	2.24E	1.18	1.33	1.11 B	0.890B	25
26	0.540B	0.485B	0.630B	2.00	4.08E	4.86E	3.94E	1.86E	1.14	1.52	1.06 B	0.880B	26
27	0.530B	0.480B	0.635B	1.88	4.31E	4.30E	3.87E	1.71E	1.10	1.36	1.00 B	0.860B	27
28	0.535B	0.480B	0.640B	1.76	4.39E	3.87E	3.51E	1.59E	1.04	1.27	0.980B	0.850B	28
29	0.530B		0.690B	1.59	4.83E	3.63E	2.99E	1.58	0.958	1.13	0.975B	0.820B	29
30	0.520B		0.750B	1.48	5.21E	3.47E	3.80E	1.57E	0.946	1.18	0.980B	0.810B	30
31	0.490B		0.820B		5.49E		3.21E	1.72E		1.03		0.800B	31
TOTAL	16.995	12.941	18.746	44.125	117.58	139.48	112.83	75.84	36.194	32.127	37.998	28.975	TOTAL
MEAN	0.548	0.462	0.605	1.47	3.79	4.65	3.64	2.45	1.21	1.04	1.27	0.935	MEAN
MAX	0.640	0.500	0.820	2.24	5.49	6.33	5.04	3.31	1.68	1.52	3.30	1.12	MAX
MIN	0.480	0.390	0.470	0.880	1.58	3.47	2.84	1.57	0.946	0.800	0.745	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 6.33E ON JUN 24
MINIMUM DAILY, 0.390B ON FEB 16
MAXIMUM INSTANTANEOUS,
6.85E AT 04:05 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 24 N
LONG 124 24 21 W
DRAINAGE AREA, 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	9 750
FEB	1 120	AUG	6 550
MAR	1 620	SEP	3 130
APR	3 810	OCT	2 780
MAY	10 200	NOV	3 280
JUN	12 100	DEC	2 500

TOTAL DISCHARGE, 58 300 dam³

HOMATHKO RIVER AT THE MOUTH - STATION NO. 08GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.7	42.0B	35.1	75.8	91.9	440	650	910	439	277	122	135	1
2	65.8	44.0B	34.9	89.5	113	438	534	748	392	193	107	128	2
3	63.7	48.0B	35.2	87.5	140	478	461	719	360	182	103	143	3
4	63.4	48.0B	34.9	78.9	177	418	458	823	378	434	101	228	4
5	71.2	45.0B	35.6	79.5	238	355	491	890	439	248	95.0	172	5
6	86.4	43.0B	40.7	86.0	229	323	541	998	504	172	88.0	151	6
7	100	40.0B	40.5	95.1	170	307	548	764	533	140	89.4	143	7
8	98.3	37.0B	37.9	97.9	153	294	641	723	558	127	85.2	180	8
9	95.7	37.5B	36.3	82.1	163	278	665	813	526	172	83.3	162	9
10	84.7	37.0B	36.0	71.7	173	311	701	1 020	527	146	88.6	141	10
11	71.9	38.0B	34.0	74.7	198	310	839	1 150	535	120	697	131	11
12	66.0B	35.0B	33.5	85.6	216	287	976	1 180	476	114	1 360	119	12
13	65.0B	33.0B	33.2	91.9	211	280	931	1 130	420	102	827	116	13
14	63.0B	32.5B	33.4	95.7	197	356	811	920	445	91.5	428	116	14
15	59.0B	32.0B	33.2	109	203	424	839	750	484	83.8	286	113	15
16	56.0B	31.5B	33.9	121	209	443	803	605	451	78.4	290	107	16
17	53.0B	31.5B	41.9	155	211	439	705	610	390	78.2	253	103 B	17
18	52.0B	35.0B	54.0	164	227	470	653	674	357	83.1	200	99.0B	18
19	51.0B	39.0	57.3	150	230	541	664	747	306	80.0	185	92.0B	19
20	51.6	37.9	60.4	148	221	581	713	835	323	74.7	165	87.0B	20
21	55.3	38.2	61.0	146	206	620	780	859	429	79.8	160	81.0B	21
22	53.7	37.2	55.4	145	212	767	864	816	461	75.0	161	75.5B	22
23	52.2	37.4	49.3	130	217	873	895	537	547	76.9	289	73.0B	23
24	49.7	40.1	44.3	125	216	786	812	490	527	205	250	71.0B	24
25	61.5	36.8	42.9	116	219	745	892	424	476	367	183	70.0B	25
26	53.6	34.9	42.2	106	232	696	1 010	387	380	288	160	69.5B	26
27	49.4	33.9	43.0	99.2	261	647	911	401	336	222	152	68.5B	27
28	48.1	34.8	46.0	92.3	306	617	865	439	319	247	151	62.0B	28
29	45.4		52.3	85.6	379	606	944	473	317	190	173	60.0B	29
30	47.0B		59.0	83.9	389	706	1 030	475	260	173	152	59.0B	30
31	44.0B		69.3		413		1 030	472		144		58.0B	31
TOTAL	1 953.3	1 060.2	1 346.6	3 167.9	6 820.9	14 836	23 657	22 782	12 915	5 064.4	7 484.5	3 413.5	TOTAL
MEAN	63.0	37.9	43.4	106	220	495	763	735	431	163	249	110	MEAN
MAX	100	48.0	69.3	164	413	873	1 030	1 180	558	434	1 360	228	MAX
MIN	44.0	31.5	33.2	71.7	91.9	278	458	387	260	74.7	83.3	58.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 286
MAXIMUM DAILY, 1 360 ON NOV 12
MINIMUM DAILY, 31.5B ON FEB 16
MAXIMUM INSTANTANEOUS,
1 510 AT 04:26 PST ON NOV 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 05 N
LONG 124 55 01 W
DRAINAGE AREA, 5 720 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	169 000	JUL	2 040 000
FEB	91 600	AUG	1 970 000
MAR	116 000	SEP	1 120 000
APR	274 000	OCT	438 000
MAY	589 000	NOV	647 000
JUN	1 280 000	DEC	295 000

TOTAL DISCHARGE, 9 030 000 dam³

HOMATHKO RIVER AT TRAGEDY CANYON - STATION NO. 08GD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.0E	20.0B	18.2B	36.1	52.5	253	297	406	189	119	44.0E	52.0	1
2	32.5E	21.0B	18.0B	41.5	63.5	253	257	358	162	82.6	42.0E	49.1	2
3	31.5E	22.5B	18.1B	40.3	76.4	242	230	353	153	77.2	41.0E	56.0	3
4	31.0E	22.0B	19.0B	38.0	97.5	214	236	377	169	146	39.5E	76.6	4
5	33.5E	20.8B	19.5B	38.7	124	185	252	407	209	92.8	38.0E	61.9	5
6	38.5E	19.5B	20.5B	41.6	120	176	269	445	236	67.7	36.0E	57.9	6
7	41.0E	18.5B	20.0B	45.6	94.2	173	284	358	254	57.0	35.5E	56.1	7
8	40.0E	17.5B	19.7B	46.5	86.4	168	326	348	266	52.0	34.5E	65.8	8
9	34.2A	17.0B	19.4B	40.4	92.0	163	338	384	247	52.1	34.0E	57.5	9
10	31.8A	18.5B	18.7B	37.1	98.1	181	349	468	248	55.7	37.5E	51.8	10
11	29.5B	18.0B	18.5B	36.8	110	180	398	496	246	47.9	150 E	49.8	11
12	29.0B	17.2B	18.3B	39.6	115	168	447	509	211	44.5	400 E	46.5	12
13	28.5B	16.5B	18.1B	42.3	113	168	427	487	195	43.0E	200 E	44.8	13
14	28.0B	16.0B	18.5B	44.4	107	201	389	407	211	42.0E	125 E	44.9	14
15	27.0B	15.3B	19.0B	50.4	111	235	401	332	229	39.0E	110 E	44.6	15
16	25.0B	14.5B	21.0E	53.9	117	248	383	292	209	37.5E	105 E	41.8	16
17	24.0B	14.5B	23.0E	65.4	122	250	343	301	181	37.0E	100 E	42.5	17
18	24.0B	15.5B	26.0E	71.9	130	272	322	324	159	36.0E	91.0E	35.0B	18
19	24.5B	18.0B	28.0E	68.9	130	301	323	361	140	35.0E	86.2A	30.0B	19
20	26.0B	18.5B	28.0E	69.3	126	312	342	384	155	35.0E	74.9A	30.5B	20
21	27.0B	18.3B	27.5E	70.1	118	332	362	395	192	35.5E	70.6	30.7B	21
22	27.7	18.5B	26.5E	68.4	120	399	395	356	215	34.9E	68.4	31.0B	22
23	26.7	19.0B	25.0E	66.5	122	447	390	255	558	50.0E	78.1	31.5B	23
24	26.2	19.5B	23.5E	66.6	124	410	382	228	550	66.0E	74.2	32.0B	24
25	27.5	18.5B	23.8	62.1	125	382	433	195	212	80.0E	64.5	32.5B	25
26	26.3	18.3B	23.7	58.7	134	351	451	182	162	73.0E	58.7	33.0B	26
27	26.0	18.1B	23.9	57.1	142	318	416	196	143	80.0E	58.8	31.0B	27
28	25.0B	18.1B	25.1	52.4	167	297	402	218	148	84.0E	57.3	30.0B	28
29	23.5B		27.3	48.4	206	288	426	219	147	71.0E	61.5	29.0B	29
30	22.0B		30.1	48.1	213	318	450	216	112	56.0E	55.8	28.9B	30
31	21.0B		33.5		233		441	202		49.0E		28.8B	31
TOTAL	894.4	510.4	699.4	1 547.3	3 789.6	7 885	11 161	10 459	5 905	1 889.4	2 472.0	1 333.5	TOTAL
MEAN	28.9	18.2	22.6	51.6	122	263	360	337	197	60.9	82.4	43.0	MEAN
MAX	43.0	22.5	33.5	71.9	233	447	451	509	266	146	400	76.6	MAX
MIN	21.0	14.5	18.0	36.1	52.5	163	230	182	112	34.9	34.0	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 133
MAXIMUM DAILY, 509 ON AUG 12
MINIMUM DAILY, 14.5B ON FEB 16
MAXIMUM INSTANTANEOUS,
592 AT 13:07 PST ON AUG 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 58 N
LONG 124 53 13 W
DRAINAGE AREA, 4 070 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	77 300	JUL	964 000
FEB	44 100	AUG	904 000
MAR	60 400	SEP	510 000
APR	134 000	OCT	163 000
MAY	327 000	NOV	214 000
JUN	681 000	DEC	115 000

TOTAL DISCHARGE, 4 190 000 dam³

HOMATHKO RIVER BELOW NOSTETUKO RIVER - STATION NO. 08GD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.73	5.30B	4.73	5.18	9.43	45.6	61.2	69.9	33.0	19.5	10.2	15.5	1
2	7.24	5.70B	4.72	5.47	10.9	44.6	55.9	61.6	30.4	15.4	10.2	15.1	2
3	7.42	6.00B	4.74	5.57	12.2	42.3	51.8	61.1	29.3	15.6	10.1	16.1	3
4	7.37	5.85B	4.67	5.48	14.8	38.3	51.6	65.5	29.9	30.1	9.92	17.3	4
5	7.55	5.60B	4.75	5.77	18.1	33.8	52.3	67.2	34.7	17.2	9.47	15.7	5
6	6.93	5.45B	4.74	6.12	18.2	33.8	54.5	71.2	38.2	14.7	9.03	15.5	6
7	7.10	5.50B	4.73	6.53	15.8	33.0	58.0	59.8	39.0	14.3	9.04	14.8	7
8	7.05	5.65B	4.64	6.73	14.5	32.1	64.6	58.1	40.2	13.4	8.91	15.7	8
9	7.30	5.85	4.52	6.76	14.8	31.7	64.3	62.2	38.7	13.3	8.84	15.0	9
10	6.95	6.14	4.64	6.43	15.2	33.4	65.7	92.9	38.4	12.6	9.27	14.6	10
11	6.60	5.93	4.53	6.30	16.9	33.6	73.5	75.0	36.8	11.8	39.5	14.1	11
12	6.50B	5.66	4.55	6.36	18.4	32.4	80.1	78.9	34.4	11.6	80.4	13.4	12
13	6.50B	5.34	4.39	6.64	19.4	31.8	78.7	80.0	32.2	11.0	56.2	13.6	13
14	6.60B	5.10B	4.28	6.86	17.0	34.8	69.8	70.5	33.3	10.8	36.6	13.7	14
15	6.30B	4.90B	4.15	7.58	17.1	41.1	70.0	60.0	34.6	10.3	27.1	13.3	15
16	6.00B	4.60B	4.41	7.87	18.1	43.1	68.9	56.2	34.2	9.67	26.3	12.9	16
17	6.09	4.65B	4.54	9.14	20.0	45.0	63.3	56.9	30.9	9.29	25.1	12.0 B	17
18	6.21	5.00B	4.69	9.85	21.0	50.1	61.7	57.9	26.7	9.21	22.2	11.2 B	18
19	6.28	5.12	4.68	9.89	21.6	56.8	60.1	59.7	24.9	9.00	20.8	9.80B	19
20	6.69	5.19	4.65	10.5	22.4	59.5	61.5	62.3	26.0	8.43	19.2	9.90B	20
21	7.29	5.10	4.58	10.6	21.1	62.8	63.5	65.0	30.3	8.92	18.1	10.0 B	21
22	6.83	5.10	4.19	10.3	20.7	72.4	67.9	58.5	33.1	8.74	17.8	10.1 B	22
23	6.45	4.97	4.28	10.3	20.7	86.4	67.3	47.1	38.0	8.38	19.1	10.2 B	23
24	6.32	4.96	4.21	10.4	20.8	78.3	66.5	42.5	36.2	11.9	19.4	10.3 B	24
25	6.14	4.86	4.19	9.99	21.3	73.1	76.9	37.7	32.7	17.6	17.9	10.5 B	25
26	6.14	4.87	4.22	9.63	23.1	67.5	79.1	36.6	27.6	16.3	17.0	10.6 B	26
27	6.10	4.80	4.12	9.77	25.2	63.8	74.9	36.8	25.2	14.1	17.2	10.1 B	27
28	5.93	4.67	4.30	9.25	29.6	61.1	70.1	38.8	24.6	13.9	16.7	9.20B	28
29	5.80B		4.31	8.71	37.0	60.9	71.5	39.6	24.2	12.6	17.0	9.00B	29
30	5.60B		4.65	8.64	39.0	65.5	74.7	39.9	18.9	11.9	16.1	8.95B	30
31	5.30B		4.99		42.2		75.5	36.4		11.4		8.90B	31
TOTAL	204.31	147.86	139.79	238.62	635.53	1 488.6	2 055.4	1 805.2	955.7	402.94	624.68	387.35	TOTAL
MEAN	6.59	5.28	4.51	7.95	20.5	49.6	66.3	58.2	31.9	13.0	20.8	12.5	MEAN
MAX	7.73	6.14	4.99	10.6	42.2	86.4	80.1	92.9	40.2	30.1	80.4	17.3	MAX
MIN	5.30	4.60	4.12	5.18	9.43	31.7	51.6	36.4	18.9	8.38	8.84	8.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.9
MAXIMUM DAILY, 92.9 ON AUG 10
MINIMUM DAILY, 4.12 ON MAR 27
MAXIMUM INSTANTANEOUS,
235E AT 10:56 PST ON AUG 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 16 N
LONG 124 30 25 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 700	JUL	178 000
FEB	12 800	AUG	156 000
MAR	12 100	SEP	82 600
APR	20 600	OCT	34 800
MAY	54 900	NOV	54 000
JUN	129 000	DEC	33 500

TOTAL DISCHARGE, 786 000 dam³

HOMATHKO RIVER BELOW NUDE CREEK - STATION NO. 08GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8	8.30B	7.43	10.4	19.5E	72.1	93.0E	112	54.5E	36.4	18.7	20.8	1
2	11.0	8.70B	7.10	11.1	22.0E	73.0	86.0E	95.3	49.0E	27.0	18.4	19.3	2
3	11.4	9.30B	7.28	11.1	24.5E	68.7	81.0E	100	48.0E	27.0	18.6	20.8	3
4	11.4	9.20B	7.41	10.9	27.2A	62.3	80.0E	105	51.0E	50.3	17.6	25.2	4
5	11.7	8.90B	7.19	11.3	34.4	55.8	81.0E	113	59.0E	28.9	16.8	21.4	5
6	11.7	8.70B	7.32	11.8	37.6	53.6A	85.0E	128	62.0E	24.1	15.6	20.7	6
7	11.8	8.50B	7.34	12.5	38.7	50.0E	90.0E	101	66.0E	26.4	15.7	20.3	7
8	11.6	8.60B	7.27	12.9	44.3	48.5E	100 E	98.2	66.5E	20.2	15.0	22.0	8
9	11.5	9.00B	7.20	12.1	45.0	48.5E	101 E	108	64.0E	21.1	14.7	20.1	9
10	10.9	9.40B	7.28	11.6	26.3	51.0E	105 E	153	63.5E	18.9	15.9	19.0B	10
11	10.0	9.20B	7.01	11.6	29.8	50.0E	112 E	145	62.0E	17.4	80.6	17.5B	11
12	9.80B	8.90B	7.20	12.1	32.9	48.0E	125 E	151	60.0E	18.3	150	16.5B	12
13	9.80B	8.40B	7.08	12.4	32.9	49.0E	119 E	149	54.0E	17.7	92.2	16.0B	13
14	9.90B	8.00B	6.99	13.1	31.2	59.0E	110 E	123	55.0E	17.6	56.1	15.9B	14
15	9.80B	7.80B	7.24	14.2	31.2	64.0E	111 E	104	57.0E	16.5	43.5	15.5B	15
16	9.20B	7.40B	7.37	15.1	32.9	67.0E	108 E	92.8	56.5E	16.3	39.1	14.5B	16
17	9.20B	7.40B	7.55	18.1	34.3	70.0E	101 E	94.1	54.0E	14.5	35.8	13.7B	17
18	9.30B	7.80B	7.83	19.2A	37.2	74.0E	97.0E	101	44.0E	13.8	31.6	12.7B	18
19	9.70B	8.37B	7.87	19.4A	37.9	79.0E	94.5A	110	43.0E	13.4	30.4	12.5B	19
20	10.2 B	8.20B	7.75B	20.0E	38.3	85.0E	94.9	110	42.5E	13.7	27.9	12.6B	20
21	11.1	8.10B	7.30B	19.9E	34.7	91.0E	101	115	41.5E	13.3	26.2	12.9B	21
22	10.7	8.00B	7.10B	19.9E	34.1	100 E	110	110	52.0E	12.6	25.5	13.2B	22
23	10.2	8.04	7.05B	20.0E	34.2	120 E	105	83.6	62.0E	11.4	26.5	13.4B	23
24	9.75	8.01	7.00B	19.6E	35.2	129 E	105	77.2A	60.0E	24.7	26.7	13.6B	24
25	10.2	7.97	7.25B	18.7E	35.3	110 E	124	70.0E	51.0E	36.1E	24.7	13.6B	25
26	9.88	7.59	7.63	18.4E	38.3	104 E	122	61.0E	44.2A	32.4E	22.2	13.1B	26
27	9.67	7.46	7.83	18.5E	40.8	100 E	116	60.0E	46.2	30.7E	22.7	12.5B	27
28	9.60	7.54	7.96	17.5E	47.5	97.0E	112	64.0E	45.8	31.0	22.2	11.9B	28
29	9.14		8.42	16.8E	61.5	96.0E	117	66.5E	44.7	27.1	23.2	11.8B	29
30	8.60B		9.01	16.7E	63.7	102 E	124	66.0E	35.4	24.2	21.7	11.8B	30
31	8.50B		9.77		67.4		127	62.0E		21.3		11.7B	31
TOTAL	319.44	232.78	233.01	456.9	1 100.8	2 277.0	3 237.4	3 128.7	1 594.3	701.1	995.8	496.5	TOTAL
MEAN	10.3	8.31	7.52	15.2	35.5	75.9	104	101	53.1	22.6	33.2	16.0	MEAN
MAX	11.8	9.40	9.77	20.0	67.4	129	127	153	66.5	50.3	150	25.2	MAX
MIN	8.50	7.40	6.99	10.4	19.5	48.0	80.0	60.0	35.4	12.6	14.7	11.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.5
MAXIMUM DAILY, 153 ON AUG 10
MINIMUM DAILY, 6.99 ON MAR 14
MAXIMUM INSTANTANEOUS,
306 AT 11:26 PST ON AUG 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 28 N
LONG 124 45 43 W
DRAINAGE AREA, 1 960 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 600	JUL	280 000
FEB	20 100	AUG	270 000
MAR	20 100	SEP	138 000
APR	39 500	OCT	60 600
MAY	95 100	NOV	86 000
JUN	197 000	DEC	42 900

TOTAL DISCHARGE, 1 280 000 dam³

HONNA RIVER NEAR THE MOUTH - STATION NO. 08GA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.30 E	0.963	0.240	0.340E	0.085	0.543	---	---	---	1
2	---	---	---	2.10 E	1.03	0.156	1.10 E	0.085	0.439	---	---	---	2
3	---	---	---	1.70	0.937	0.309	0.680E	0.091	0.389	---	---	---	3
4	---	---	---	1.35	0.937	0.319	0.300E	0.101	0.240	---	---	---	4
5	---	---	---	0.963	5.13	0.216	0.240E	0.101	0.240	---	---	---	5
6	---	---	---	1.01	7.77	0.216	0.250E	0.122	0.201	---	---	---	6
7	---	---	---	0.937	3.15	0.146	0.240E	0.201	0.201	---	---	---	7
8	---	---	---	0.821	1.66	0.161	0.235E	0.480	0.183	---	---	---	8
9	---	---	---	0.809	1.42	0.269	0.290E	0.491	0.171	---	---	---	9
10	---	---	---	0.834	1.21	0.224	0.350E	0.369	0.156	---	---	---	10
11	---	---	---	0.950	1.02	0.183	0.310E	0.240	0.122	---	---	---	11
12	---	---	---	0.991	0.937	0.183	0.260E	0.201	0.101	---	---	---	12
13	---	---	---	1.14	0.772	0.114	0.230E	0.146	0.122	---	---	---	13
14	---	---	---	1.05	0.772	0.141	0.210E	0.146	0.098	---	---	---	14
15	---	---	---	0.772	0.439	0.171	0.240E	0.216	0.098	---	---	---	15
16	---	---	---	0.937	0.649	0.156	0.220E	0.166	0.101	---	---	---	16
17	---	---	---	0.991	0.649	0.136	0.200E	0.470	0.085	---	---	---	17
18	---	---	---	0.885	0.491	0.146	0.183	0.339	1.49	---	---	---	18
19	---	---	---	1.09	0.543	0.146	0.170E	0.240	0.543	---	---	---	19
20	---	---	---	2.18	0.449	0.156	0.160E	0.224	0.389	---	---	---	20
21	---	---	---	5.39	0.299	0.201	0.145E	0.183	0.369	---	---	---	21
22	---	---	---	3.07	0.419	0.156	0.135E	0.101	0.289	---	---	---	22
23	---	---	---	1.67	0.595	0.161	0.120E	0.122	0.201	---	---	---	23
24	---	---	---	1.29	0.309	0.156	0.122	0.101	0.240	---	---	---	24
25	---	---	---	8.19	0.359	0.156	0.101	0.101	0.201	---	---	---	25
26	---	---	---	3.85	0.189	0.146	0.101	0.101	0.183	---	---	---	26
27	---	---	---	2.96	0.339	1.99	0.101	0.101	0.161	---	---	---	27
28	---	---	---	1.67	0.289	1.06	0.101	0.095	1.36	---	---	---	28
29	---	---	---	1.19	0.309	0.772	0.101	0.101	2.89	---	---	---	29
30	---		---	1.03	0.240	0.491	0.101	3.05	1.74	---	---	---	30
31	---		---		0.224		0.098	0.963		---		---	31
TOTAL	---	---	---	52.120	34.699	9.077	7.434	9.533	13.546	---	---	---	TOTAL
MEAN	---	---	---	1.74	1.12	0.303	0.240	0.308	0.452	---	---	---	MEAN
MAX	---	---	---	8.19	7.77	1.99	1.10	3.05	2.89	---	---	---	MAX
MIN	---	---	---	0.772	0.189	0.114	0.098	0.085	0.085	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 15 12 N
LONG 132 08 11 W
DRAINAGE AREA, 45.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	642
FEB	---	AUG	824
MAR	---	SEP	1 170
APR	4 500	OCT	---
MAY	3 000	NOV	---
JUN	784	DEC	---

HORSEFLY RIVER ABOVE MCKINLEY CREEK - STATION NO. 08KH010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.70B	3.00B	3.90B	5.94	31.0	100	64.5	16.9	12.5	3.22	7.75	8.35B	1
2	5.40B	3.10B	3.85B	6.92	31.5	92.1	58.2	16.0	10.6	3.25	7.39	8.40B	2
3	5.10B	3.25B	3.90B	8.26	32.6	89.3	59.3	14.7	9.56	3.44	7.02	8.50B	3
4	5.30B	3.40B	3.85B	9.16	37.1	93.2	58.9	13.4	9.38	6.58	6.73	8.60B	4
5	5.40B	3.55B	3.80B	10.1	50.7	87.0	54.5	13.1	7.46	10.9	6.40B	8.40B	5
6	5.10B	3.65B	3.75B	11.8	77.7	76.5	56.2	13.2	7.13	7.45	6.30B	8.00B	6
7	5.00B	3.60B	3.80B	13.4	66.0	72.7	57.5	12.7	6.68	6.58	6.20B	7.50B	7
8	4.90B	3.50B	3.85B	14.4	53.2	74.9	56.1	11.6	6.24	6.71	6.10B	7.30B	8
9	4.60B	3.55B	3.90B	13.7	47.1	70.9	56.1	11.0	5.94	8.45	6.20B	7.10B	9
10	4.20B	3.60B	3.85B	13.0	44.5	75.4	52.0	10.9	5.37	11.9	6.51	6.90B	10
11	3.70B	3.70B	3.80B	13.1	43.7	103	49.7	10.4	5.32	9.45	11.7	6.65B	11
12	3.70B	3.80B	3.70B	15.2	44.4	145	52.4	10.1	5.27	8.56	25.7	6.60B	12
13	3.80B	3.70B	3.60B	17.8	41.1	134	55.1	9.70	5.16	8.32	29.0	6.45B	13
14	3.90B	3.10B	3.60B	19.6	39.5	114	45.1	10.0	4.92	7.70	24.0	6.25B	14
15	4.00B	2.90B	3.65B	23.2	39.6	104	37.3	9.79	4.73	7.02	19.6	6.15B	15
16	3.95B	2.80B	3.70B	25.2	40.6	102	35.3	8.85	4.86	6.76	17.6	6.25B	16
17	3.85B	2.90B	3.85B	28.0	41.8	100	32.6	8.60	5.13	6.24	16.5	6.10B	17
18	3.80B	3.10B	4.00B	35.3	44.9	90.7	29.5	8.42	4.95	6.07	15.1	5.90B	18
19	3.80B	3.50B	4.30B	39.3	46.2	90.8	27.6	8.17	4.46	6.06	13.8	5.70B	19
20	3.85B	4.00B	4.50B	49.9	46.7	89.6	25.2	7.70	4.46	5.76	13.0 B	5.55B	20
21	3.90B	4.20B	4.50B	54.7	48.5	88.1	23.6	7.45	4.32	5.76	12.5 B	5.45B	21
22	4.00B	4.30B	4.40B	52.6	50.4	88.1	22.9	7.55	4.36	5.63	12.0 B	5.35B	22
23	3.95B	4.20B	4.60B	53.6	50.8	104	21.5	8.66	4.40	5.69	11.6 B	5.40B	23
24	3.90B	4.10B	4.60B	59.5	52.6	110	25.3	8.51	4.33	5.68	11.2 B	5.45B	24
25	3.80B	4.10B	4.60B	54.2	66.1	91.1	23.4	7.73	4.00	7.52	10.5 B	5.35B	25
26	3.75B	4.20B	4.60B	47.2	78.5	81.8	22.5	8.98	3.88	14.3	9.60B	5.20B	26
27	3.70B	4.20B	4.70B	42.8	79.6	74.0	22.2	9.38	3.64	12.2	9.40B	5.10B	27
28	3.60B	4.10B	4.70B	38.1	81.5	67.7	19.9	8.09	3.36	11.2	9.00B	5.00B	28
29	3.45B		4.73	34.1	93.2	65.1	18.6	7.29	3.18	10.4	8.70B	4.95B	29
30	3.30B		4.84	31.3	110	62.4	17.5	8.34	3.36	9.39	8.50B	4.90B	30
31	3.10B		5.45		113		17.4	11.0		8.72		4.85B	31
TOTAL	129.50	101.10	128.87	841.38	1 732.3	2 737.4	1 195.1	318.21	167.95	236.91	355.60	197.65	TOTAL
MEAN	4.18	3.61	4.16	28.0	55.9	91.2	38.6	10.3	5.60	7.64	11.9	6.38	MEAN
MAX	5.70	4.30	5.45	59.5	118	145	64.5	16.9	12.5	14.3	29.0	8.60	MAX
MIN	3.10	2.80	3.60	5.94	31.0	62.4	17.4	7.29	3.18	3.22	6.10	4.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.3
MAXIMUM DAILY, 145 ON JUN 12
MINIMUM DAILY, 2.80B ON FEB 16
MAXIMUM INSTANTANEOUS,
153 AT 15:49 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 23 N
LONG 121 03 37 W
DRAINAGE AREA, 785 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 200	JUL	103 000
FEB	8 740	AUG	27 500
MAR	11 100	SEP	14 500
APR	72 700	OCT	20 500
MAY	150 000	NOV	30 700
JUN	237 000	DEC	17 100

TOTAL DISCHARGE, 704 000 dam³

HOSMER CREEK ABOVE DIVERSIONS - STATION NO. 08NK026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.039	0.033	0.037	0.279	0.167	0.802	0.195	0.064	0.037	0.024	0.087	0.091	1
2	0.038	0.034	0.040	0.346	0.175	0.651	0.189	0.067	0.038	0.027	0.067	0.088	2
3	0.036	0.033	0.046	0.388	0.199	0.512	0.179	0.063	0.034	0.029	0.058	0.085	3
4	0.035	0.035	0.051	0.308	0.264	0.504	0.154	0.061	0.037	0.073	0.057	0.080	4
5	0.034	0.032	0.053	0.225	0.456	0.445	0.138	0.050	0.033	0.100	0.052	0.075	5
6	0.038	0.032	0.054	0.205	0.650	0.392	0.129	0.043	0.030	0.051	0.041	0.072	6
7	0.039	0.037	0.055	0.198	0.476	0.476	0.130	0.047	0.031	0.041	0.042	0.073	7
8	0.039	0.035	0.054	0.202	0.341	0.486	0.113	0.046	0.034	0.039	0.044	0.073	8
9	0.045	0.034	0.052	0.170	0.268	0.441	0.100	0.045	0.032	0.041	0.076	0.075	9
10	0.085	0.040	0.054	0.142	0.236	0.467	0.088	0.045	0.030	0.044	0.357	0.094	10
11	0.063	0.058	0.048	0.128	0.221	0.474	0.083	0.046	0.032	0.038	0.441	0.094	11
12	0.056	0.052	0.042	0.126	0.226	0.418	0.081	0.042	0.034	0.040	0.303	0.091	12
13	0.054	0.046B	0.041	0.128	0.231	0.339	0.075	0.040	0.032	0.040	0.242	0.085	13
14	0.048	0.042B	0.041	0.137	0.244	0.309	0.071	0.038	0.028	0.037	0.205	0.079	14
15	0.046	0.043A	0.039	0.178	0.240	0.305	0.068	0.038	0.026	0.037	0.160	0.076	15
16	0.044	0.041	0.041	0.210	0.236	0.333	0.066	0.039	0.029	0.038	0.139	0.074	16
17	0.040	0.041	0.039	0.211	0.238	0.374	0.063	0.033	0.030	0.036	0.120	0.073	17
18	0.039	0.041	0.041	0.244	0.254	0.391	0.062	0.038	0.030	0.036	0.108	0.070	18
19	0.038	0.039	0.050	0.343	0.264	0.388	0.062	0.034	0.028	0.034	0.098	0.069	19
20	0.039	0.038	0.067	0.405	0.277	0.400	0.062	0.035	0.027	0.033	0.093	0.067	20
21	0.037	0.035	0.062B	0.447	0.276	0.373	0.057	0.036	0.025	0.033	0.084	0.063B	21
22	0.039	0.034	0.058B	0.466	0.281	0.353	0.059	0.037	0.025	0.034	0.085	0.058B	22
23	0.037	0.034	0.057B	0.417	0.358	0.379	0.058	0.047	0.023	0.036	0.210	0.059B	23
24	0.035	0.033	0.058B	0.374	0.524	0.389	0.054	0.042	0.019	0.036	0.427	0.059B	24
25	0.038	0.035	0.061	0.325	0.782	0.352	0.096	0.042	0.020	0.040	0.273	0.059B	25
26	0.037	0.035	0.064	0.264	0.616	0.323	0.078	0.044	0.021	0.071	0.179	0.058B	26
27	0.035	0.035	0.072	0.224	0.497	0.294	0.073	0.039	0.023	0.065	0.139	0.058B	27
28	0.035	0.035	0.088	0.202	0.407	0.256	0.065	0.038	0.024	0.055	0.117	0.053B	28
29	0.034		0.111	0.175	0.616	0.230	0.058	0.037	0.022	0.060	0.107	0.050B	29
30	0.034		0.150	0.159	0.930	0.211	0.055	0.035	0.024	0.062	0.096	0.048B	30
31	0.033		0.221		0.810		0.055	0.038		0.108		0.046B	31
TOTAL	1.289	1.057	1.947	7.623	11.840	12.067	2.816	1.349	0.858	1.426	4.507	2.195	TOTAL
MEAN	0.042	0.038	0.063	0.254	0.382	0.402	0.091	0.044	0.029	0.046	0.150	0.071	MEAN
MAX	0.085	0.058	0.221	0.466	0.930	0.802	0.195	0.067	0.038	0.108	0.441	0.094	MAX
MIN	0.033	0.032	0.037	0.126	0.167	0.211	0.054	0.033	0.019	0.024	0.041	0.046	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.134
MAXIMUM DAILY, 0.930 ON MAY 30
MINIMUM DAILY, 0.019 ON SEP 24
MAXIMUM INSTANTANEOUS,
1.02 AT 09:59 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 08 N
LONG 114 57 20 W
DRAINAGE AREA, 6.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	111	JUL	243
FEB	91.3	AUG	117
MAR	168	SEP	74.1
APR	659	OCT	123
MAY	1 020	NOV	389
JUN	1 040	DEC	190

TOTAL DISCHARGE, 4 230 dam³

HOWELL CREEK ABOVE CABIN CREEK - STATION NO. 08NP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.16	0.835B	0.682B	1.06	8.12	15.5	9.44	3.31	1.74	1.15	1.54	2.19	1
2	1.13	0.842B	0.701B	1.34	8.51	13.8	9.23	3.17	1.71	1.20	1.57	2.08	2
3	1.11	0.890B	0.720B	1.76	9.68	12.1	8.70	3.14	1.72	1.18	1.55	2.02	3
4	1.09	0.890B	0.721	2.56	11.9	12.8	7.92	3.00	1.65	1.32	1.63	2.03	4
5	1.09	0.850B	0.700	3.36	15.9	12.9	7.21	2.94	1.68	1.37	1.62	1.97	5
6	1.09	0.840B	0.699	3.32	19.4	11.7	6.91	2.88	1.64	1.26	1.25B	1.88	6
7	1.07	0.838B	0.693	3.23	16.7	11.6	6.63	2.79	1.61	1.19	1.48	1.84	7
8	1.08	0.860B	0.688	3.21	12.4	12.1	6.53	2.77	1.57	1.16	1.51	1.82	8
9	1.06	0.877B	0.676	3.20	9.83	11.7	6.37	2.74	1.59	1.15	1.48	1.84	9
10	0.863	0.935B	0.648	3.04	8.84	12.8	6.10	2.67	1.58	1.28	2.54	1.99	10
11	0.850B	0.925	0.635	2.87	8.65	13.4	5.86	2.63	1.56	1.24	5.85	2.00	11
12	0.860B	0.830B	0.631	2.87	7.80	14.2	5.75	2.57	1.55	1.19	5.25	1.86	12
13	0.940B	0.710B	0.609	2.88	7.77	12.5	5.63	2.57	1.48	1.16	4.40	1.78	13
14	1.02	0.604B	0.601	2.93	7.53	11.6	5.33	2.53	1.55	1.15	4.15	1.70	14
15	0.960	0.555B	0.571	3.27	7.29	10.5	5.04	2.48	1.49	1.18	3.68	1.69	15
16	0.956	0.540B	0.555	3.65	7.00	10.4	4.79	2.45	1.48	1.24	3.33	1.68	16
17	0.920B	0.540B	0.542	4.27	7.20	11.3	4.61	2.39	1.48	1.18	3.11	1.66	17
18	0.885B	0.550B	0.540	5.14	7.91	12.2	4.41	2.39	1.49	1.22	2.97	1.00 B	18
19	0.860B	0.578B	0.541	6.27	8.26	13.1	4.36	2.28	1.42	1.22	2.73	0.800B	19
20	0.880B	0.618B	0.577	8.16	8.40	13.7	4.28	2.35	1.44	1.17	2.54	0.752B	20
21	0.898B	0.680B	0.624	10.0	8.31	13.8	4.18	2.32	1.45	1.16	2.37	0.740B	21
22	0.920B	0.742B	0.605B	11.4	8.18	13.1	3.94	2.26	1.37	1.15	2.37	0.760B	22
23	0.917	0.775B	0.592B	13.2	9.42	13.7	3.71	2.15	1.40	1.10	2.42	0.802B	23
24	0.910B	0.780B	0.583B	14.2	12.3	14.2	3.77	2.12	1.36	1.09	2.70	0.840B	24
25	0.905	0.785B	0.584B	13.5	14.8	14.0	4.02	2.13	1.23	1.09	2.93	0.872B	25
26	0.903	0.718	0.610B	12.1	13.6	13.2	4.13	2.10	1.18	1.13	2.66	0.878B	26
27	0.900B	0.700B	0.649	10.8	12.0	12.5	3.91	2.06	1.21	1.17	2.48	0.878B	27
28	0.897B	0.682B	0.651	9.66	11.0	11.7	3.69	1.94	1.24	1.15	2.38	0.730B	28
29	0.882B		0.688	8.64	11.3	10.1	3.45	1.89	1.17	1.17	2.31	0.722B	29
30	0.864B		0.753	8.24	15.3	9.55	3.32	1.86	1.14	1.17	2.25	0.860B	30
31	0.845B		0.860		15.1		3.36	1.87		1.45		0.902B	31
TOTAL	29.715	20.969	19.929	180.13	333.40	374.85	166.58	76.75	44.18	37.02	79.05	43.566	TOTAL
MEAN	0.959	0.749	0.643	6.00	10.8	12.5	5.37	2.48	1.47	1.19	2.64	1.41	MEAN
MAX	1.16	0.935	0.860	14.2	19.4	15.5	9.44	3.31	1.74	1.45	5.85	2.19	MAX
MIN	0.845	0.540	0.540	1.06	7.00	9.55	3.32	1.86	1.14	1.09	1.25	0.722	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.85
MAXIMUM DAILY, 19.4 ON MAY 06
MINIMUM DAILY, 0.540B ON FEB 16
MAXIMUM INSTANTANEOUS,
20.7 AT 10:20 MST ON MAY 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 41 N
LONG 114 32 09 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 570	JUL	14 400
FEB	1 810	AUG	6 630
MAR	1 720	SEP	3 820
APR	15 600	OCT	3 200
MAY	28 800	NOV	6 830
JUN	32 400	DEC	3 760

TOTAL DISCHARGE, 122 000 dam³

HYACINTHE CREEK ON QUADRA ISLAND - STATION NO. 08HD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.041	---	0.040	0.103E	0.006	0.006	---	---	---	1
2	---	---	---	0.041	0.120E	0.047	0.063	0.006	0.006	---	---	---	2
3	---	---	---	0.032	0.083	---	0.057	0.005	0.004	0.008	---	---	3
4	---	---	---	0.030	0.058	---	0.047	0.005E	0.003	---	---	---	4
5	---	---	---	0.028	0.042	---	0.042	0.004	0.003	---	---	---	5
6	---	---	---	0.025	0.029	---	0.041	0.003	0.003	---	---	---	6
7	---	---	---	0.023	0.027	0.103E	0.037	0.003	0.003	---	---	---	7
8	---	---	---	0.021	0.025	---	0.033	0.003	0.003	---	---	---	8
9	---	---	---	0.019	0.025	---	0.028	0.002	0.003	---	---	---	9
10	---	---	---	0.019	0.023	---	0.022	0.002	0.002	---	---	---	10
11	---	---	---	0.018	0.022	---	0.019	0.002	0.002	---	---	---	11
12	---	---	---	0.017	0.023E	---	0.016	0.002	0.002	---	---	---	12
13	---	---	---	0.026	0.024E	---	0.012	0.001	0.002E	---	---	---	13
14	---	---	---	0.023	0.025E	0.113E	0.011	0.001	0.002	---	---	---	14
15	---	---	---	0.021	0.025	0.100E	0.010	0.001	0.002	---	---	---	15
16	---	---	---	0.017	0.022	0.082	0.010	0.003	0.002	---	---	---	16
17	---	---	---	0.027	0.020	0.068	0.008	0.003	0.002	---	---	---	17
18	---	---	---	0.024	0.017	0.059	0.007	0.002	0.002	---	---	---	18
19	---	---	---	0.116E	0.016	0.052	0.006	0.002	0.001	---	---	---	19
20	---	---	---	0.119E	0.017	0.045	0.006	0.001	0.001	---	---	---	20
21	---	---	---	0.073	---	0.039	0.006	0.001	0.001	---	---	---	21
22	---	---	---	---	---	0.031	0.006	0	0.001	---	---	---	22
23	---	---	---	---	---	0.027	0.006	0	0.001	---	---	---	23
24	---	---	---	---	0.129E	0.023	0.006	0	0.001	---	---	---	24
25	---	---	---	---	0.081	0.021	0.006	0	0.001	---	---	---	25
26	---	---	---	---	0.060	0.028	0.006	0	0.001	---	---	---	26
27	---	---	---	---	0.073	0.025	0.006	0	0.001	---	---	---	27
28	---	---	---	---	0.055	0.039	0.006	0	0.001	---	---	---	28
29	---	---	0.045	---	0.042	0.074	0.006	0.003	0.001	---	---	---	29
30	---		---	---	0.040	---	0.006	0.004E	0.001	---	---	---	30
31	---		---		0.035		0.006	0.006		---		---	31
TOTAL	---	---	---	---	---	---	0.644	0.071	0.064	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.021	0.002	0.002	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.103	0.006	0.006	---	---	---	MAX
MIN	---	---	---	---	---	---	0.006	0	0.001	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 08 02 N
LONG 125 15 13 W
DRAINAGE AREA, 7.68 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	55.6
FEB	---	AUG	6.13
MAR	---	SEP	5.53
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

HYLAND RIVER NEAR LOWER POST - STATION NO. 10AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.1B	24.0B	21.1B	20.9B	54.0	952	449	136	167	163	49.0B	47.9B	1
2	29.6B	23.9B	21.0B	21.0B	59.3	1 040	440	145	147	162	46.0B	47.8B	2
3	29.3B	23.8B	21.0B	21.1B	68.1	976	409	147	130	156	43.0B	47.6B	3
4	29.0B	23.7B	20.9B	21.3B	80.0	740	378	144	126	149	42.0B	47.5B	4
5	28.9B	23.6B	20.9B	21.7B	81.6	585	358	139	130	143	40.9B	47.4B	5
6	28.7B	23.5B	20.9B	21.9B	96.4	582	334	133	152	139	41.8B	47.2B	6
7	28.5B	23.3B	20.8B	22.0B	115	537	316	134	164	131	42.8B	47.0B	7
8	28.2B	23.1B	20.8B	22.3B	123	659	303	148	155	123	44.0B	46.8B	8
9	27.9B	23.0B	20.7B	22.7B	132	651	294	197	168	121	45.0B	46.7B	9
10	27.6B	22.9B	20.7B	23.0B	140	613	285	205	170	124	46.0B	46.5B	10
11	27.4B	22.8B	20.6B	23.7B	146	563	274	177	159	124	47.0B	46.6B	11
12	27.2B	22.7B	20.6B	24.0B	161	538	268	160	149	119	47.5B	46.5B	12
13	27.0B	22.5B	20.5B	24.3B	144	531	260	152	150	114	48.0B	46.4B	13
14	26.8B	22.3B	20.5B	25.0B	142	542	241	147	154	109	48.5B	46.2B	14
15	26.6B	22.1B	20.5B	25.5B	144	548	237	142	149	100 B	48.9B	46.0B	15
16	26.4B	22.1B	20.5B	26.1B	153	541	235	132	142	100 B	49.0B	45.5B	16
17	26.2B	22.0B	20.5B	27.0B	160	532	219	126	139	91.1B	49.1B	45.0B	17
18	26.0B	22.0B	20.5B	27.9B	169	506	214	124	148	88.5B	49.2B	44.7B	18
19	25.8B	21.9B	20.5B	28.5B	180	468	211	121	151	70.2B	49.3B	44.3B	19
20	25.6B	21.8B	20.4B	29.5B	193	429	200	121	143	61.0B	49.4B	44.0B	20
21	25.5B	21.7B	20.5B	30.7B	206	395	192	122	139	61.5B	49.2B	43.8B	21
22	25.3B	21.6B	20.5B	32.0B	221	372	191	127	134	61.9B	49.0B	43.6B	22
23	25.2B	21.5B	20.6B	33.0B	248	364	188	134	129	62.0B	48.8B	43.4B	23
24	25.0B	21.4B	20.6B	34.1B	278	381	188	129	131	62.1B	48.6B	43.2B	24
25	24.9B	21.3B	20.6B	35.5B	289	460	180	126	145	61.5B	48.5B	43.0B	25
26	24.7B	21.3B	20.7B	37.3B	286	482	171	121	174	60.0B	48.4B	42.7B	26
27	24.6B	21.2B	20.7B	39.0B	290	462	163	115	184	58.5B	48.3B	42.4B	27
28	24.5B	21.2B	20.7B	41.0B	332	466	155	110	175	57.0B	48.2B	42.0B	28
29	24.3B		20.8B	43.0B	411	436	147	105	164	55.5B	48.1B	41.7B	29
30	24.2B		20.8B	47.3	539	433	140	107	159	54.0B	48.0B	41.5B	30
31	24.2B		20.8B		718		134	152		52.0B		41.2B	31
TOTAL	825.4	628.2	641.2	852.3	6 359.4	16 884	7 774	4 277	4 527	3 041.8	1 411.5	1 396.1	TOTAL
MEAN	26.6	22.4	20.7	28.4	205	563	251	138	151	98.1	47.1	45.0	MEAN
MAX	30.1	24.0	21.1	47.3	718	1 040	449	205	184	163	49.4	47.9	MAX
MIN	24.2	21.2	20.4	20.9	54.0	364	134	105	126	52.0	40.9	41.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 133
MAXIMUM DAILY, 1 040 ON JUN 02
MINIMUM DAILY, 20.4B ON MAR 20
MAXIMUM INSTANTANEOUS,
1 040 AT 11:34 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 57 03 N
LONG 128 09 03 W
DRAINAGE AREA, 9 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	71 300	JUL	672 000
FEB	54 300	AUG	370 000
MAR	55 400	SEP	391 000
APR	73 600	OCT	263 000
MAY	549 000	NOV	122 000
JUN	1 460 000	DEC	121 000

TOTAL DISCHARGE, 4 200 000 dam³

ILLECILLEWAET RIVER AT GREELEY - STATION NO. 08ND013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5 B	7.90B	7.00B	20.5	43.6	141	199	123	61.4	23.9	22.5	24.2	1
2	11.3 B	8.30B	7.20B	27.9	44.5	136	189	107	55.3	25.7	20.5	23.6	2
3	11.1	8.50B	7.00B	34.5	47.0	129	165	93.0	48.3	27.9	19.5	22.9	3
4	11.1	8.45B	7.50B	33.1	59.4	141	138	93.7	44.6	27.7	19.5	22.4	4
5	11.0 B	8.30B	8.91	32.7	93.5	120	142	103	44.7	29.9	19.0	22.8	5
6	11.0	7.90B	8.87	33.9	135	103	200	109	45.5	32.3	18.0	21.4	6
7	11.0	7.65B	8.65	36.2	98.7	106	196	98.1	47.2	26.3	18.3	20.3	7
8	10.9	7.50B	9.30	37.0	76.9	102	177	90.1	48.2	24.7	18.1	20.2	8
9	10.9	7.90B	8.72	34.5	66.9	101	182	90.6	49.3	24.6	18.7	20.1	9
10	10.5	8.25B	8.62	30.8	62.7	124	189	94.4	47.6	27.4	20.5	19.4	10
11	9.36	9.55B	8.37	28.8	64.0	160	202	99.8	49.6	23.3	45.2	18.8	11
12	10.0	7.84B	8.28	26.9	66.8	138	222	104	45.7	21.8	82.5	17.0 B	12
13	11.1	7.60B	8.15	26.4	67.5	113	219	104	39.0	24.7	73.7	16.0 B	13
14	11.1	7.30B	8.49	27.7	64.7	107	185	109	39.6	22.7	64.0	16.5 B	14
15	10.9	8.00B	8.39	30.8	63.5	116	155	99.9	43.9	21.1	50.2	17.0 B	15
16	10.6	7.80B	8.42	35.3	65.1	139	162	90.5	54.0	20.3	43.5	17.1	16
17	10.0	7.40B	8.57	42.0	69.8	157	147	85.4	48.3	19.1	40.5	16.9	17
18	8.72	6.30B	9.37	47.9	71.7	165	126	74.6	37.7	19.5	36.1	16.4	18
19	8.00B	6.65B	9.59	53.7	76.7	168	116	71.5	36.4	19.2	33.4	12.7	19
20	7.85B	7.00B	11.0	62.7	78.3	185	109	78.2	31.8	18.2	31.4	10.0 B	20
21	8.00B	7.60B	12.5	69.0	79.3	187	108	81.3	32.9	18.4	29.0	8.20B	21
22	9.20B	8.00B	11.7	72.9	77.6	212	114	96.4	36.5	18.4	28.5	8.80B	22
23	9.65B	9.05B	10.7	74.4	83.0	252	121	95.4	41.4	17.7	32.5	9.40B	23
24	9.61	9.00B	10.4	83.1	101	263	124	88.1	41.7	17.2	44.1	10.0 B	24
25	9.77	9.30B	10.7	75.3	111	244	115	50.3	40.8	18.4	35.9	10.6 B	25
26	9.72	9.10B	11.0	63.3	99.4	223	121	44.1	34.6	34.0	31.7	11.3 B	26
27	8.90B	8.84B	11.4	55.6	107	217	138	39.0	28.5	54.7	29.8	12.2 B	27
28	8.90B	7.70B	11.8	49.6	123	196	117	40.3	25.7	55.7	27.9	7.80B	28
29	9.95B		11.9	45.1	160	178	113	44.3	27.8	56.2	27.3	8.40B	29
30	8.00B		12.7	43.3	171	193	120	103	25.7	55.3	25.9	9.60B	30
31	7.85B		15.7		143		123	95.8		25.3		10.5 B	31
TOTAL	306.48	224.68	300.90	1 334.9	2 665.7	4 816	4 734	2 666.8	1 253.4	792.8	1 007.4	482.50	TOTAL
MEAN	9.89	8.02	9.71	44.5	86.0	161	153	86.0	41.8	25.6	33.6	15.6	MEAN
MAX	11.5	9.55	15.7	83.1	171	263	222	123	61.4	61.5	82.5	24.2	MAX
MIN	7.85	6.30	7.00	20.5	43.6	101	108	39.0	25.7	17.2	18.0	7.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.4
MAXIMUM DAILY, 263 ON JUN 24
MINIMUM DAILY, 6.30B ON FEB 18
MAXIMUM INSTANTANEOUS,
278 AT 22:56 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 49 N
LONG 118 04 57 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 500	JUL	409 000
FEB	19 400	AUG	230 000
MAR	26 000	SEP	108 000
APR	115 000	OCT	68 500
MAY	230 000	NOV	87 000
JUN	416 000	DEC	41 700

TOTAL DISCHARGE, 1 780 000 dam³

INCOMAPPLEUX RIVER NEAR BEATON - STATION NO. 08NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7B	10.8	8.91	25.9	48.7	141	215E	134	61.6	26.7	22.8	27.5	1
2	12.7	11.2	8.94	33.7	49.3	122	210E	118	55.7	25.5	21.2	26.5	2
3	12.6	10.3	8.92	37.4	52.6	108	200E	102	50.4	24.2	20.5	25.2	3
4	12.5	10.8	9.15	37.7	66.4	126	164E	101	48.0	61.2	20.5	25.9	4
5	12.4	10.6	8.67	38.6	99.9	110	178E	115	49.2	60.9	19.6	24.8	5
6	12.4	10.0	8.86	40.2	143	96.8	202E	124	50.2	30.9	18.5	25.1	6
7	12.5	9.96	8.97	42.6	105	104	209E	117	51.3	25.9	19.0	23.0	7
8	12.9	9.92	10.1	43.5	80.9	97.5	205E	103	54.3	23.7	19.0	22.7	8
9	13.1	9.80	9.82	41.4	71.8	93.3	194E	104	54.3	24.6	20.3	25.2	9
10	13.1	10.0	9.74	37.5	66.8	128	189A	111	54.1	26.9	25.8	21.3	10
11	11.8	10.9	9.44	35.0	67.6	173	219	122	56.9	23.2	62.5	20.2	11
12	11.8A	10.8	9.01	33.3	69.7	142	257	128	53.1	24.8	83.0	19.4	12
13	12.6	12.0	9.04	31.0	70.1	113	254	127	43.3	24.8	77.7	19.1	13
14	12.0	12.9	9.03	34.9	66.6	104	206	130	43.9	23.5	66.3	18.5	14
15	11.9	11.9	9.15	37.4	66.4	112	167	122	50.5	22.0	52.4	18.1	15
16	11.2	10.8	9.56	42.4	67.6	132	168	106	63.5	21.7	45.2	17.9	16
17	10.9	10.6	9.57	49.6	72.3	153	153	101	54.7	20.4	43.8	17.9	17
18	10.8B	10.4	11.1	54.8	74.5	161	134	88.7	43.2	20.8	38.9	17.7	18
19	10.7B	10.5	11.6	62.6	82.0	155	124	82.1	41.2	20.9	35.6	17.2B	19
20	10.6B	10.5	13.1	71.2	83.7	177	117	89.3	36.2	19.4	33.3	16.7B	20
21	10.5B	10.4	14.7	75.6	86.2	177	118	93.9	35.0	20.0	30.9	16.1B	21
22	10.6B	10.0	14.7	78.7	83.6	196 A	126	108	39.8	19.6	30.8	15.6B	22
23	10.6B	9.61	13.3	81.5	89.6	270 E	132	103	45.7	18.4	44.7	15.1B	23
24	10.6B	9.41	12.8	91.2	105	315 E	136	63.9	46.9	18.2	60.6	14.6B	24
25	10.7B	9.21	12.7	80.2	122	285 E	131	58.7	46.7	19.3	44.2	14.3B	25
26	10.7	9.09	12.8	68.7	106	265 E	134	50.6	40.2	34.6	36.9	14.1B	26
27	11.1	8.89	13.5	61.3	104	245 E	166	42.3	33.1	24.6	34.3	13.8B	27
28	11.4	8.70	13.9	56.6	130	225 E	137	43.4	31.1	27.5	32.2	13.4B	28
29	11.1		14.1	51.4	170	208 E	133	49.7	30.0	26.2	31.7	12.8B	29
30	10.6		15.8	48.8	190	225 E	144	91.4	29.0	25.3	29.6	12.4B	30
31	11.0		19.9		160		147	92.5		25.5		12.1B	31
TOTAL	359.9	289.99	350.88	1 525.7	2 851.3	4 959.6	5 269	3 020.5	1 392.1	811.2	1 121.8	581.2	TOTAL
MEAN	11.6	10.4	11.3	50.9	92.0	165	170	97.4	46.4	26.2	37.4	18.7	MEAN
MAX	13.1	12.9	19.9	91.2	190	315	257	134	63.5	61.2	83.0	27.5	MAX
MIN	10.5	8.70	8.67	25.9	48.7	93.3	117	42.3	29.0	18.2	18.5	12.1	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.7
MAXIMUM DAILY, 315E ON JUN 24
MINIMUM DAILY, 8.67 ON MAR 05

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 25 N
LONG 117 40 36 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 100	JUL	455 000
FEB	25 100	AUG	261 000
MAR	30 300	SEP	120 000
APR	132 000	OCT	70 100
MAY	246 000	NOV	96 900
JUN	429 000	DEC	50 200

TOTAL DISCHARGE, 1 950 000 dam³

INGENIKA RIVER ABOVE SWANNELL RIVER - STATION NO. 07EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0 B	9.05B	9.78B	8.50B	18.7	759	221	52.5	48.6	24.2	15.8 B	12.5 B	1
2	16.4 B	9.30B	9.70B	8.42B	20.7	817	254	50.5	47.5	24.5	11.3 B	13.4 B	2
3	15.5 B	9.55B	9.68B	8.40B	22.6	589	224	48.6	44.0	24.3	16.1 B	15.4 B	3
4	14.9 B	9.80B	9.69B	8.38B	26.1	461	196	46.5	42.7	23.5	9.00B	15.5 B	4
5	14.7 B	9.95B	9.77B	8.40B	30.7	438	179	44.9	40.5	23.3	7.70B	12.7 B	5
6	14.3 B	10.0 B	10.0 B	8.40B	43.4	423	169	44.2	38.3	22.3	6.25B	12.8 B	6
7	13.9 B	10.0 B	10.2 B	8.40B	54.8	390	160	47.4	36.3	21.6	9.00B	12.9 B	7
8	13.2 B	9.90B	10.4 B	8.36B	51.2	374	156	46.0	35.1	21.8	11.8 B	12.9 B	8
9	12.8 B	9.75B	10.8 B	8.39B	50.7	352	152	43.5	34.4	22.3	15.2 B	12.8 B	9
10	12.5 B	9.80B	10.8 B	8.40B	53.1	337	140	42.0	32.9	23.6	15.5 B	12.5 B	10
11	12.3 B	9.80B	10.9 B	8.43B	59.2	325	134	40.9	31.5	22.5	15.1 B	12.1 B	11
12	12.1 B	9.78B	10.9 B	8.80B	62.8	313	124	39.6	30.6	21.4	14.7 B	11.8 B	12
13	12.0 B	9.60B	10.9 B	9.30B	61.6	297	115	39.6	30.5	21.5	14.3 B	11.7 B	13
14	11.8 B	9.50B	11.0 B	9.60B	61.8	293	105	41.1	29.3	20.9	14.2 B	11.7 B	14
15	11.7 B	9.42B	11.1 B	9.85B	65.5	308	94.4	44.7	28.5	19.7	14.1 B	11.6 B	15
16	11.3 B	9.30B	10.9 B	10.1 B	73.8	308	91.8	45.2	27.7	19.0	14.2 B	11.3 B	16
17	11.1 B	9.00B	10.8 B	10.5 B	85.5	265	96.2	44.1	27.2	18.0	14.4 B	11.0 B	17
18	10.9 B	8.90B	10.6 B	11.2 B	93.5	232	90.9	43.7	26.4	16.5	14.8 B	10.9 B	18
19	10.8 B	8.85B	10.2 B	12.2 B	105	211	86.3	41.5	25.9	18.1	15.1 B	10.8 B	19
20	10.8 B	8.80B	9.20B	13.7 B	117	198	81.8	39.3	25.9	17.4	15.3 B	10.7 B	20
21	10.5 B	8.90B	7.58B	15.8 B	130	193	78.6	37.4	25.4	17.9	15.1 B	10.8 B	21
22	10.3 B	8.98B	7.35B	17.3 B	152	215	76.0	36.6	25.7	18.0	15.0 B	10.8 B	22
23	10.1 B	9.28B	7.25B	18.1 B	176	254	75.8	37.3	24.9	17.3	14.9 B	10.9 B	23
24	10.2 B	9.62B	7.35B	18.9 A	174	223	75.5	36.8	24.1	18.7	14.9 B	10.8 B	24
25	10.3 B	9.75B	7.90B	19.5 A	170	179	73.0	35.4	23.4	18.3	14.8 B	10.6 B	25
26	10.2 B	9.82B	8.40B	19.0	182	160	69.6	34.1	23.7	16.7	14.6 B	10.4 B	26
27	10.1 B	9.87B	8.70B	18.3	226	163	66.1	33.2	23.2	17.4	14.0 B	10.2 B	27
28	9.70B	9.8 B	8.75B	17.3	278	183	62.4	32.1	23.3	18.9	13.3 B	9.95B	28
29	9.25B		8.72B	16.8	349	175	58.3	30.6	23.5	17.8	12.9 B	9.75B	29
30	9.05B		8.70B	17.1	423	178	56.1	30.6	24.6	17.3	12.7 B	9.65B	30
31	9.00B		8.65B		526		54.3	37.9		17.8		9.65B	31
TOTAL	368.70	266.02	296.67	365.83	3 943.7	9 613	3 616.1	1 267.8	925.6	622.5	402.05	353.50	TOTAL
MEAN	11.9	9.50	9.57	12.2	127	320	117	40.9	30.9	20.1	13.4	11.4	MEAN
MAX	17.0	10.0	11.1	19.5	526	817	254	52.5	48.6	24.5	15.8	12.9	MAX
MIN	9.00	8.80	7.25	8.36	18.7	160	54.3	30.6	23.2	16.5	6.25	9.65	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.4
MAXIMUM DAILY, 817 ON JUN 02
MINIMUM DAILY, 6.25B ON NOV 06
MAXIMUM INSTANTANEOUS, 880 AT 03:05 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 43 37 N
LONG 125 06 38 W
DRAINAGE AREA, 4 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 900	JUL	312 000
FEB	23 000	AUG	110 000
MAR	25 600	SEP	80 000
APR	31 600	OCT	53 800
MAY	341 000	NOV	34 700
JUN	831 000	DEC	30 500

TOTAL DISCHARGE, 1 910 000 dam³

INONOAKLIN CREEK ABOVE VALLEY CREEK - STATION NO. 08NE110

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.971	0.701	0.697	2.71	8.90	25.8	10.0	1.35	1.14	0.385	0.698	1.40	1
2	0.936	0.789	0.693	3.74	9.09	27.3	9.48	1.34	1.03	0.374	0.552	1.36	2
3	0.909	0.865	0.705	4.65	10.4	26.2	8.80	1.30	0.896	0.411	0.595	1.34	3
4	0.975	0.816	0.701	4.89	12.6	27.4	7.68	1.20	0.825	0.674	0.619	1.37	4
5	0.983	0.799	0.710	5.06	16.1	23.6	7.30	1.17	0.750	1.64	0.624	1.35	5
6	0.961	0.792	0.727	5.19	17.2	21.0	7.45	1.10	0.715	0.847	0.540	1.30	6
7	0.980	0.766	0.783	5.51	14.4	24.7	6.55	1.04	0.661	0.690	0.610	1.29	7
8	0.932	0.780	0.821	6.19	13.2	21.4	5.86	0.980	0.653	0.639	0.621	1.28	8
9	0.947	0.733	0.804	6.40	12.0	19.7	5.44	0.947	0.605	0.621	0.709	1.27	9
10	0.936	0.771	0.818	5.71	12.0	23.2	5.05	0.911	0.581	0.648	3.43	1.24	10
11	0.669	0.768	0.794	5.39	12.6	23.4	4.84	0.871	0.560	0.618	3.79	1.24	11
12	0.924	0.740	0.787	5.33	12.8	22.7	4.53	0.839	0.518	0.602	2.92	1.17	12
13	0.985	0.588	0.804	5.22	12.7	22.0	4.02	0.823	0.501	0.604	2.88	1.13	13
14	0.952	0.372	0.821	5.59	11.9	20.1	3.54	0.797	0.512A	0.597	2.93	1.08	14
15	0.883	0.654	0.822	6.47	11.7	19.1	3.11	0.748	0.477	0.570	2.40	1.13	15
16	0.914	0.695B	0.870	7.00	11.3	19.1	2.82	0.723	0.476	0.582	2.19	1.00	16
17	0.882	0.654	0.944	7.86	11.5	19.5	2.54	0.853	0.543	0.567	2.09	1.03	17
18	0.866	0.655	1.04	8.86	11.5	18.6	2.40	1.06	0.524	0.578	1.81	1.02 A	18
19	0.866	0.724	1.12	9.94	11.3	18.4	2.26	1.08	0.493	0.594	1.82	0.995E	19
20	0.700	0.748	1.28	11.1	11.8	19.1	2.15	0.885	0.462	0.585	1.76	0.960B	20
21	0.908	0.739	1.36	13.6	11.6	17.4	1.97	0.866	0.468	0.570	1.58	0.935B	21
22	0.918	0.722	1.37	17.2	12.3	16.9	1.90	0.997	0.431	0.576	1.62	0.925B	22
23	0.928	0.713	1.34	18.5	15.5	17.2	1.88	0.914	0.433	0.559	1.67	0.920B	23
24	0.875	0.709	1.32	18.4	17.5 A	17.6	2.18	0.814	0.422	0.557	1.83	0.900B	24
25	0.871	0.706	1.32	15.7	16.5 E	14.7	1.89	0.874	0.423	0.573	1.87	0.835B	25
26	0.830	0.679	1.32	14.0	15.7 E	12.6	2.88	1.01	0.412	0.623	1.36	0.860B	26
27	0.790	0.863	1.34	12.3	15.8 E	12.0	2.20	0.838	0.381	0.615	1.55	0.840B	27
28	0.837	0.682	1.39	11.0	16.5 E	11.4	1.90	0.793	0.373	0.638	1.56	0.830B	28
29	0.790B		1.46	9.96	20.0 E	11.0	1.68	0.746	0.407	0.655	1.55	0.805B	29
30	0.795B		1.64	9.27	34.0 E	11.0	1.57	1.01	0.428	0.696	1.42	0.795B	30
31	0.655		1.98		25.6 A		1.47	1.23		0.740		0.780B	31
TOTAL	27.368	20.023	32.581	262.74	446.49	584.0	127.34	30.109	17.100	19.628	49.598	33.380	TOTAL
MEAN	0.883	0.715	1.05	8.76	14.4	19.5	4.11	0.971	0.570	0.633	1.65	1.08	MEAN
MAX	0.985	0.865	1.98	18.5	34.0	27.4	10.0	1.35	1.14	1.64	3.79	1.40	MAX
MIN	0.655	0.372	0.693	2.71	8.90	11.0	1.47	0.723	0.373	0.374	0.540	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 4.52
MAXIMUM DAILY, 34.0E ON MAY 30
MINIMUM DAILY, 0.372 ON FEB 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 52 N
LONG 118 11 24 W
DRAINAGE AREA, 298 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 360	JUL	11 000
FEB	1 730	AUG	2 600
MAR	2 810	SEP	1 480
APR	22 700	OCT	1 700
MAY	38 600	NOV	4 290
JUN	50 500	DEC	2 880

TOTAL DISCHARGE, 143 000 dam³

INONOAKLIN CREEK NEAR THE MOUTH - STATION NO. 08NE127

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	1.87	1.50	0.584	1.14	2.16	1
2	---	---	---	---	---	---	---	1.79	1.32	0.589	1.01	2.10	2
3	---	---	---	---	---	---	---	1.67	1.24	0.614	0.868	2.05	3
4	---	---	---	---	---	---	---	1.58	1.10	0.782	0.966	2.01	4
5	---	---	---	---	---	---	---	1.49	1.02	1.49	0.972	2.03	5
6	---	---	---	---	---	---	---	1.43	0.941	1.38	0.941	2.12	6
7	---	---	---	---	---	---	---	1.35	0.899	1.04	0.874	1.95	7
8	---	---	---	---	---	---	---	1.28	0.868	0.917	0.947	1.89	8
9	---	---	---	---	---	---	---	1.23	0.839	0.874	1.03	1.85	9
10	---	---	---	---	---	---	---	1.16	0.822	0.886	2.11	1.89	10
11	---	---	---	---	---	---	---	1.12	0.799	0.917	5.14	1.92	11
12	---	---	---	---	---	---	---	1.10	0.782	0.868	4.77	---	12
13	---	---	---	---	---	---	---	1.04	0.759	0.880	3.95	---	13
14	---	---	---	---	---	---	---	0.978	0.742	0.874	4.24	---	14
15	---	---	---	---	---	---	---	0.935	0.726	0.886	4.03	---	15
16	---	---	---	---	---	---	---	0.923	0.720	0.893	3.45	---	16
17	---	---	---	---	---	---	---	0.905	0.737	0.880	3.05	---	17
18	---	---	---	---	---	---	3.11	1.17	0.776	0.862	2.87	---	18
19	---	---	---	---	---	---	2.95	1.36	0.737	0.874	2.59	---	19
20	---	---	---	---	---	---	2.73	1.17	0.693	0.868	2.51	---	20
21	---	---	---	---	---	---	2.56	1.11	0.677	0.856	2.44	---	21
22	---	---	---	---	---	---	2.37	1.16	0.656	0.874	2.26	---	22
23	---	---	---	---	---	---	2.40	1.19	0.656	0.856	2.39	---	23
24	---	---	---	---	---	---	2.58	1.10	0.639	0.845	2.48	---	24
25	---	---	---	---	---	---	2.43	1.06	0.624	0.845	2.87	---	25
26	---	---	---	---	---	---	3.24	1.23	0.609	0.862	2.91	---	26
27	---	---	---	---	---	---	3.13	1.17	0.599	0.923	2.36	---	27
28	---	---	---	---	---	---	2.56	1.06	0.594	0.905	2.30	---	28
29	---	---	---	---	---	---	2.27	0.966	0.589	0.935	2.28	---	29
30	---		---	---	---	---	2.09	1.10	0.584	0.985	2.26	---	30
31	---		---		---		1.98	1.42		1.10		---	31
TOTAL	---	---	---	---	---	---	---	38.117	24.247	27.944	72.008	---	TOTAL
MEAN	---	---	---	---	---	---	---	1.23	0.808	0.901	2.40	---	MEAN
MAX	---	---	---	---	---	---	---	1.87	1.50	1.49	5.14	---	MAX
MIN	---	---	---	---	---	---	---	0.905	0.584	0.584	0.868	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 52 N
LONG 118 06 16 W
DRAINAGE AREA, 377 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	3 290
MAR	---	SEP	2 090
APR	---	OCT	2 410
MAY	---	NOV	6 220
JUN	---	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

ISKUT RIVER ABOVE SNIPPAKER CREEK - STATION NO. 08CG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.0	33.5B	29.1B	42.2	168	1 070	1 060E	1 030E	550E	500E	101	55.0B	1
2	68.8	32.5B	29.3B	45.6	179	995	1 020E	800E	400E	350E	97.2	53.0B	2
3	67.4	32.0B	29.6B	49.9	209	957	1 000E	640E	370E	285E	97.4	53.0B	3
4	65.4	31.5B	29.8B	49.5	262	986	960E	608A	360E	250E	89.2	54.0B	4
5	68.1	30.5B	30.1B	48.4	298	875	960E	790E	420E	200E	76.7	60.0B	5
6	69.9	30.0B	30.5B	48.1	321	803	990E	800E	490E	167A	77.8	69.5B	6
7	70.2	29.0B	30.8B	47.2	272	885	1 050E	740E	425E	157	88.0	70.5B	7
8	68.9	28.5B	31.0B	45.2	292	946	1 090E	690E	450E	260	85.8	78.5B	8
9	67.6	28.0B	31.0B	44.1	309	916	1 050E	680E	400E	252	82.5	64.5B	9
10	62.2	27.7B	31.0B	44.1	308	953	1 080E	840E	355E	192	80.2	60.0B	10
11	57.0	27.2B	31.0B	44.0	326	964	1 220E	980E	335E	171	75.7	54.5B	11
12	52.7	27.0B	31.0B	44.9	332	946	1 250E	1 050E	355E	167	70.6	51.3B	12
13	57.0	26.5B	31.0B	50.6	331	1 020	1 080E	1 120E	382E	160	69.6	50.0B	13
14	55.2	26.0B	31.0B	62.6	357	1 210	850E	1 200E	390E	144	77.2	47.5B	14
15	54.4	25.7B	30.8B	76.6	397	1 190	800E	1 250E	410E	134	82.7	46.5B	15
16	45.3	25.2B	30.6B	89.3	422	1 090	700E	1 000E	455E	130	84.0	45.5B	16
17	44.0B	24.9B	30.4B	101	449	951	700E	860E	400E	124	78.0	44.0B	17
18	43.7B	24.5B	30.2B	126	471	873	625E	850E	330E	119	76.0	43.0B	18
19	42.0B	24.2B	30.4B	150	420	870	660E	810E	355E	114	73.5	43.0B	19
20	42.0B	24.3B	30.6B	174	429	814	740E	910E	345E	113	62.0B	45.5B	20
21	41.0B	24.5B	30.6B	174	466	952	840E	1 030E	330E	114	61.0B	48.5B	21
22	40.5B	25.0B	30.6B	174	530	1 370	900E	950E	500E	111	58.5B	51.5B	22
23	39.5B	25.4B	30.7B	167	562	1 250	970E	820E	600E	128	55.5B	52.0B	23
24	39.0B	26.0B	30.9B	159	506	981	960E	600E	800E	188	54.5B	51.5B	24
25	38.0B	26.5B	31.0B	155	444	875	990E	520E	950E	157	54.5B	49.5B	25
26	37.5B	27.3B	31.2B	158	478	818	980E	500E	870E	133	55.0B	47.5B	26
27	36.5B	28.0B	31.5B	160	551	790	800E	510E	550E	129	57.0B	47.0B	27
28	36.0B	28.4B	32.5B	158	700	822	700E	570E	400E	123	58.0B	47.0B	28
29	35.5B		34.2	160	816	946	720E	800E	700E	115	57.5B	47.5B	29
30	34.5B		39.1	171	861	1 080A	840E	830E	860E	109	56.5B	47.5B	30
31	34.0B		42.4		886		960E	700E		106		47.0B	31
TOTAL	1 595.8	769.8	982.7	3 019.3	13 352	29 198	28 395	25 478	14 537	5 402	2 193.1	1 625.3	TOTAL
MEAN	51.5	27.5	31.7	101	431	973	916	822	485	174	73.1	52.4	MEAN
MAX	81.0	33.5	43.0	174	886	1 370	1 220	1 250	950	500	101	78.5	MAX
MIN	34.0	24.2	29.1	42.2	168	790	625	500	330	106	54.5	43.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 347
MAXIMUM DAILY, 1 370 ON JUN 22
MINIMUM DAILY, 24.2B ON FEB 19
MAXIMUM INSTANTANEOUS,
1 430 AT 18:38 PST ON JUN 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 41 55 N
LONG 130 52 23 W
DRAINAGE AREA, 7 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	2 450 000
FEB	66 500	AUG	2 200 000
MAR	84 900	SEP	1 260 000
APR	261 000	OCT	467 000
MAY	1 150 000	NOV	189 000
JUN	2 520 000	DEC	140 000

TOTAL DISCHARGE, 10 900 000 dam³

ISKUT RIVER AT OUTLET OF KINASKAN LAKE - STATION NO. 08CG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.60B	5.00B	4.10B	3.59B	3.32B	68.2	71.2	37.9	27.6E	18.6 E	9.62	4.50B	1
2	6.50B	4.90B	4.05B	3.60B	3.33B	77.5	72.7	37.0	27.1E	18.1 A	9.61	4.50B	2
3	6.40B	4.80B	4.03B	3.60B	3.37B	85.8	74.5	36.0	26.8E	17.7	9.44	4.50B	3
4	6.30B	4.75B	4.00B	3.60B	3.45B	93.5	75.1	34.7	26.5E	17.5	9.03	4.50B	4
5	6.20B	4.70B	3.95B	3.60B	3.55B	98.8	74.1	33.9	26.2E	16.8	8.52	4.60B	5
6	6.10B	4.65B	3.95B	3.60B	3.70B	103	73.6	32.9	26.0E	16.3	8.02	4.90B	6
7	6.05B	4.60B	3.95B	3.60B	3.85B	108	73.1	32.3	25.6E	16.1	7.75	5.30B	7
8	6.00B	4.60B	3.95B	3.60B	4.00B	111	73.0	31.7	25.2E	15.7	7.36	5.50B	8
9	5.95B	4.60B	3.95B	3.60B	4.10B	112	72.6	30.1	25.0E	15.9	7.25	5.65B	9
10	5.95B	4.60B	3.95B	3.55B	4.30B	111	71.5	30.2	24.7E	15.7	7.13	5.65B	10
11	5.95B	4.60B	3.95B	3.55B	4.50B	110	70.3	30.2	24.5E	15.4	6.51	5.60B	11
12	5.95B	4.59B	3.95B	3.55B	4.80B	109	68.4	30.1	24.3E	15.0	6.34	5.50B	12
13	5.95B	4.59B	3.95B	3.55B	5.10B	107	66.0	30.1	24.1E	14.7	6.20	5.40B	13
14	5.95B	4.58B	3.90B	3.55B	5.50B	106	63.4	30.8A	24.0E	14.3	5.93	5.30B	14
15	5.95B	4.58B	3.90B	3.50B	5.90B	107	59.7	30.8E	24.2E	14.2	5.80B	5.20B	15
16	5.95B	4.58B	3.85B	3.50B	6.40B	107	57.3	30.7E	24.3E	13.9	5.70B	5.10B	16
17	5.95B	4.55B	3.80B	3.50B	6.90B	104	55.5	30.5E	24.7E	13.6	5.55B	5.00B	17
18	5.90B	4.50B	3.75B	3.49B	7.60B	98.7	53.0	30.2E	24.8E	13.3	5.45B	4.90B	18
19	5.90B	4.45B	3.70B	3.45B	8.30B	94.9	50.6	30.1E	24.4E	12.7	5.35B	4.80B	19
20	5.85B	4.45B	3.70B	3.42B	9.20B	90.7	48.3	30.3E	23.9E	12.3	5.25B	4.75B	20
21	5.85B	4.45B	3.65B	3.38B	10.1 E	86.6	46.6	30.7E	23.5E	12.1	5.15B	4.70B	21
22	5.80B	4.40B	3.60B	3.37B	11.6 E	85.5	45.4	30.9E	23.2E	11.8	5.05B	4.65B	22
23	5.80B	4.40B	3.60B	3.38B	13.0 E	84.8	44.6	30.7E	22.9E	11.6	5.00B	4.62B	23
24	5.75B	4.40B	3.60B	3.39B	15.0 E	82.9	43.8	30.5E	22.0E	11.6	4.90B	4.65B	24
25	5.70B	4.35B	3.57B	3.40B	17.0 E	80.0	42.9	30.2E	21.6E	11.5	4.80B	4.70B	25
26	5.65B	4.30B	3.57B	3.40B	20.0 E	77.3	42.1	30.0E	21.0E	11.2	4.70B	4.80B	26
27	5.55B	4.25B	3.57B	3.40B	23.0 E	74.1	41.4	29.4E	20.5E	10.9	4.65B	4.82B	27
28	5.45B	4.20B	3.57B	3.38B	32.0 E	71.6	40.6	28.9E	20.0E	10.7	4.60B	4.80B	28
29	5.35B		3.57B	3.35B	40.0 E	70.5	39.2	28.6E	19.6E	10.5	4.55B	4.75B	29
30	5.25B		3.57B	3.35B	52.2 A	70.3	38.3	28.4E	19.2E	10.2	4.55B	4.70B	30
31	5.10B		3.58B		58.5		38.1	28.0E		9.91		4.70B	31
TOTAL	182.60	127.42	117.78	104.80	395.57	2 787.2	1 786.9	966.9	717.1	429.81	189.76	153.04	TOTAL
MEAN	5.89	4.55	3.80	3.49	12.8	92.9	57.6	31.2	23.9	13.9	6.33	4.94	MEAN
MAX	6.60	5.00	4.10	3.60	58.5	112	75.1	37.9	27.6	18.6	9.62	5.65	MAX
MIN	5.10	4.20	3.57	3.35	3.32	68.2	38.1	28.0	19.2	9.91	4.55	4.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.8
MAXIMUM DAILY, 112 ON JUN 09
MINIMUM DAILY, 3.32B ON MAY 01
MAXIMUM INSTANTANEOUS,
113 AT 16:03 PST ON JUN 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 31 50 N
LONG 130 10 45 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL	154 000
FEB	11 000	AUG	83 500
MAR	10 200	SEP	62 000
APR	9 050	OCT	37 100
MAY	34 200	NOV	16 400
JUN	241 000	DEC	13 200

TOTAL DISCHARGE, 687 000 dam³

ISKUT RIVER BELOW JOHNSON RIVER - STATION NO. 08CG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	172 B	69.0B	60.5B	91.0B	313	1 350	1 440	1 230	673	598	168	106B	1
2	150 B	67.5B	61.0B	100 B	318	1 380	1 400	895	591	489	157	104B	2
3	143 B	66.5B	61.5B	106 E	380	1 290	1 380	830	552	426	152	105B	3
4	140 B	66.0B	62.0B	108 E	514	1 340	1 340	1 030	611	345	143	109B	4
5	144 B	65.0B	62.5B	107 E	590	1 210	1 380	1 150	752	292	123	130B	5
6	147 B	63.0B	63.5B	105 E	584	1 080	1 420	1 090	648	265	111	200B	6
7	148 B	61.0B	64.0B	104 E	526	1 120	1 510	980	706	272	123	260B	7
8	147 B	59.0B	64.0B	99.0E	501	1 210	1 500	936	696	653	127	230B	8
9	140 B	58.0B	64.5B	97.0E	526	1 250	1 440	1 150	556	643	120	190B	9
10	130 B	57.5B	65.0B	97.0E	537	1 230	1 610	1 340	514	466	113	170B	10
11	121 B	55.5B	64.5B	99.0E	549	1 260	1 700	1 450	547	391	109	163B	11
12	114 B	55.0B	64.5B	102 E	561	1 230	1 390	1 590	595	426	106B	158B	12
13	120 B	54.5B	64.5B	115 E	560	1 310	1 250	1 650	600	401	105B	152B	13
14	120 B	54.0B	65.0B	140 E	595	1 560	1 110	1 790	623	317	105B	149B	14
15	111 B	53.0B	64.5B	160 E	619	1 580	1 030	1 440	716	263	150B	148B	15
16	100 B	52.5B	64.0B	180 E	636	1 460	1 040	1 210	685	234	140B	147B	16
17	92.0B	51.5B	64.0B	220 E	667	1 250	923	1 200	510	215	125B	144B	17
18	90.5B	50.5B	64.0B	280 E	703	1 140	914	1 140	560	201	115B	142B	18
19	89.0B	50.0B	64.0B	330 E	648	1 170	1 050	1 140	555	186	112B	142B	19
20	87.0B	50.0B	64.0B	366 A	635	1 130	1 160	1 460	509	179	110B	145B	20
21	85.5B	50.5B	64.0B	379	683	1 330	1 240	1 450	728	193	110B	150B	21
22	84.0B	51.5B	64.0B	370	742	2 160	1 340	1 110	860	181	111B	154B	22
23	82.0B	52.5B	64.0B	344	817	1 920	1 360	882	1 050	248	113B	156B	23
24	81.0B	54.0B	64.0E	312	796	1 480	1 350	778	1 400	572	115B	155B	24
25	79.0B	55.0B	64.5B	300	670	1 270	1 400	686	1 290	441	117B	154B	25
26	77.5B	56.0B	65.5B	294	698	1 170	1 290	706	810	316	118B	149B	26
27	75.5B	57.0B	66.5B	299	997	1 130	1 080	734	568	282	118B	148B	27
28	74.5B	59.0B	68.0B	304	1 020	1 180	1 010	836	893	262	117B	147B	28
29	73.5B		74.0B	301	1 170	1 340	1 120	1 200	1 260	223	116B	148B	29
30	72.0B		84.0B	311	1 190	1 480	1 250	1 010	870	198	114B	147B	30
31	70.5B		93.0B		1 160		1 450	847		181		144B	31
TOTAL	3 360.5	1 594.5	2 043.0	6 220.0	20 695	40 010	39 877	34 940	21 928	10 361	3 663	4 746	TOTAL
MEAN	108	56.9	65.9	207	668	1 330	1 290	1 130	731	334	122	153	MEAN
MAX	172	69.0	93.0	379	1 190	2 160	1 700	1 790	1 400	653	168	260	MAX
MIN	70.5	50.0	60.5	91.0	313	1 080	914	686	509	179	105	104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 519
MAXIMUM DAILY, 2 160 ON JUN 22
MINIMUM DAILY, 50.0B ON FEB 19
MAXIMUM INSTANTANEOUS,
2 400 AT 18:30 PST ON JUN 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 44 20 N
LONG 131 40 25 W
DRAINAGE AREA, 9 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	290 000	JUL	3 450 000
FEB	138 000	AUG	3 020 000
MAR	177 000	SEP	1 890 000
APR	537 000	OCT	895 000
MAY	1 790 000	NOV	316 000
JUN	3 460 000	DEC	410 000

TOTAL DISCHARGE, 16 400 000 dam³

JAMIESON CREEK ABOVE DIVERSIONS - STATION NO. 08LB083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.51	8.80	3.70	1.01	0.679	0.212	0.263	0.111B	1
2	---	---	---	---	5.15	7.80	4.02	0.959	0.644	0.208	0.214	0.110B	2
3	---	---	---	---	5.63	8.38	4.57	0.935	0.604	0.202	0.246	0.125B	3
4	---	---	---	---	6.45	9.07	3.97	0.886	0.519	0.213	0.263	0.150B	4
5	---	---	---	---	7.92	7.56	3.64	0.860	0.497	0.230	0.261	0.155B	5
6	---	---	---	---	8.58	6.79	5.08	0.829	0.483	0.226	0.179	0.125B	6
7	---	---	---	---	7.05	6.55	4.93	0.775	0.480	0.209	0.233	0.127B	7
8	---	---	---	---	6.09	5.96	4.26	0.788	0.446	0.205	0.238	0.141B	8
9	---	---	---	---	5.79	5.71	3.94	0.765	0.421	0.251	0.228	0.148B	9
10	---	---	---	---	6.50	8.95	3.46	0.720	0.398	0.267	0.316	0.130B	10
11	---	---	---	---	6.63	12.4	3.22	0.693	0.358	0.263	0.389	0.129B	11
12	---	---	---	---	6.53	24.7	2.98	0.676	0.372	0.244	0.459	0.127B	12
13	---	---	---	---	6.22	23.5	2.71	0.750	0.343	0.236	0.630	0.132B	13
14	---	---	---	---	5.55	17.0	2.48	0.875	0.333	0.231	0.649	0.129B	14
15	---	---	---	---	5.65	12.2	2.26	0.776	0.333	0.248	0.535	0.125B	15
16	---	---	---	---	5.60	10.7	2.03	0.714	0.376	0.237	0.501	0.104B	16
17	---	---	---	---	6.09	10.2	1.87	0.689	0.371	0.239	0.446	0.115B	17
18	---	---	---	---	6.79	9.02	1.81	0.634	0.379	0.261	0.383	0.100B	18
19	---	---	---	---	6.73	8.92	1.63	0.629	0.336	0.280	0.415	0.087B	19
20	---	---	---	---	6.49	8.03	1.53	0.634	0.323	0.243	0.389	0.064B	20
21	---	---	---	---	6.37	7.20	1.37	0.666	0.300	0.280	0.347	0.060B	21
22	---	---	---	---	7.27	6.54	1.27	0.786	0.305	0.284	0.337	0.057B	22
23	---	---	---	---	7.71	6.07	1.25	0.796	0.282	0.306	0.205	0.060B	23
24	---	---	---	---	8.23	5.75	1.40	0.751	0.275	0.257	0.180B	0.075B	24
25	---	---	---	5.41A	9.24	5.42	1.28	0.889	0.277	0.221	0.130B	0.086B	25
				5.05									
26	---	---	---	4.64	11.9	5.19	1.12	0.948	0.246	0.234	0.070B	0.092B	26
27	---	---	---	4.54	11.2	4.81	1.04	0.796	0.256	0.274	0.084B	0.086B	27
28	---	---	---	4.19	11.1	4.38	0.957	0.738	0.276	0.275	0.100B	0.070B	28
29	---	---	---	4.04E	14.8	4.23	0.965	0.686	0.226	0.295	0.130B	0.048B	29
30	---		---	4.25A	13.1	3.97	1.04	0.758	0.214	0.289	0.142B	0.055B	30
31	---		---		10.3		1.16	0.733		0.276		0.064B	31
TOTAL	---	---	---	---	237.57	265.80	76.942	24.144	11.352	7.696	8.962	3.187	TOTAL
MEAN	---	---	---	---	7.66	8.86	2.48	0.779	0.378	0.248	0.299	0.103	MEAN
MAX	---	---	---	---	14.8	24.7	5.08	1.01	0.679	0.306	0.649	0.155	MAX
MIN	---	---	---	---	4.51	3.97	0.957	0.629	0.214	0.202	0.070	0.048	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 24.7 ON JUN 12

MAXIMUM INSTANTANEOUS,
33.5 AT 06:54 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 05 N
LONG 120 17 16 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	6 650
FEB	---	AUG	2 090
MAR	---	SEP	981
APR	---	OCT	665
MAY	20 500	NOV	774
JUN	23 000	DEC	275

JOE ROSS CREEK NEAR THE MOUTH - STATION NO. 08LF094

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.840E	2.68E	1.90	0.419	0.182	0.037	0.022	---	---	1
2	---	---	---	0.841E	2.70E	1.54	0.635	0.136	0.036	0.023	---	---	2
3	---	---	---	0.842E	2.79A	1.35	1.06	0.113	0.032	0.026	---	---	3
4	---	---	---	0.862E	2.74	1.51	0.969	0.094	0.031	0.028	---	---	4
5	---	---	---	0.884E	2.50	1.72	0.782	0.083	0.030	0.032	---	---	5
6	---	---	---	0.887E	2.01	1.51	1.94	0.074	0.028	0.028	---	---	6
7	---	---	---	0.900E	1.58	1.26	4.08	0.067	0.024	0.024	---	---	7
8	---	---	---	0.935E	1.33	1.04	2.93	0.061	0.026	0.029	---	---	8
9	---	---	---	0.960E	1.11	0.920	1.88	0.054	0.024	0.044	---	---	9
10	---	---	---	1.00 E	1.55	1.22	1.30	0.049	0.022	0.060	---	---	10
11	---	---	---	1.08 A	1.96	2.85	0.977	0.045	0.021	0.055	---	---	11
12	---	---	---	1.19	1.81	7.88	0.756	0.041	0.021	0.056	---	---	12
13	---	---	---	1.36	1.65	8.20	0.605	0.038	0.019	0.054	---	---	13
14	---	---	---	1.49	2.06	5.06 E	0.490	0.039	0.016	0.049	---	---	14
15	---	---	---	1.62	1.74	3.60 E	0.434	0.037	0.016	0.049	---	---	15
16	---	---	---	1.73	1.41	2.70 E	0.363	0.034	0.037	0.048	---	---	16
17	---	---	---	1.80	1.58	2.00 E	0.319	0.032	0.056	0.055A	---	---	17
18	---	---	---	2.03	2.57	1.50 E	0.282	0.033	0.041	---	---	---	18
19	---	---	---	2.22	3.27	1.10 E	0.256	0.035	0.033	---	---	---	19
20	---	---	---	2.17	2.58	0.960E	0.215	0.039	0.027	---	---	---	20
21	---	---	---	1.96	2.07	0.910E	0.187	0.039	0.025	---	---	---	21
22	---	---	---	1.68	1.57	0.990E	0.165	0.044	0.024	---	---	---	22
23	---	---	---	1.51	1.33	0.920E	0.152	0.041	0.023	---	---	---	23
24	---	---	---	2.03	2.06	0.860E	0.164	0.041	0.020	---	---	---	24
25	---	---	---	2.88	5.10	0.800E	0.179	0.041	0.022	---	---	---	25
26	---	---	---	2.97	6.31	0.785A	0.157	0.045	0.021	---	---	---	26
27	---	---	---	3.19	4.31	0.663	0.133	0.038	0.019	---	---	---	27
28	---	---	---	3.12	2.85	0.601	0.119	0.035	0.016	---	---	---	28
29	---	---	---	3.12 E	2.71	0.530	0.105	0.033	0.018	---	---	---	29
30	---		---	2.85 E	3.03	0.475	0.097	0.039	0.019	---	---	---	30
31	---		---		2.43		0.297	0.040		---		---	31
TOTAL	---	---	---	50.951	75.39	57.354	22.447	1.722	0.784	---	---	---	TOTAL
MEAN	---	---	---	1.70	2.43	1.91	0.724	0.056	0.026	---	---	---	MEAN
MAX	---	---	---	3.19	6.31	8.20	4.08	0.182	0.056	---	---	---	MAX
MIN	---	---	---	0.840	1.11	0.475	0.097	0.032	0.016	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.20 ON JUN 13

MAXIMUM INSTANTANEOUS,
9.66 AT 00:05 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 10 N
LONG 120 51 21 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 940
FEB	---	AUG	149
MAR	---	SEP	67.7
APR	4 400	OCT	---
MAY	6 510	NOV	---
JUN	4 960	DEC	---

JUMP CREEK AT THE MOUTH - STATION NO. 08HB041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.96E	3.84	3.00	5.45	1.49	3.07	1.07	2.69	1.03	1.05	7.21	10.1	1
2	3.52E	5.74	2.98	5.77	1.53	3.29	1.05	2.44	1.03	1.27	5.04	6.77	2
3	3.55E	21.6	4.97	5.54	1.47	13.3	1.04	1.72	1.01	3.41	4.40	33.2	3
4	3.71E	13.1	3.01	5.14	1.78	12.8	1.52	1.20	1.02	3.53	4.62	61.4	4
5	3.52E	10.8	2.33	4.72	2.47	5.56	2.09	1.18	1.02	3.03	4.13	25.5	5
6	4.85E	7.36	1.98	4.07	2.77	2.44	2.08	1.17	1.02	2.07	3.58	12.4	6
7	17.7 E	5.32	4.52	3.70	2.73	2.45	1.58	1.13	1.05	2.01	3.49	7.78	7
8	16.4 E	4.10	4.76	4.23	2.54	2.91	1.13	1.13	1.02	2.05	3.68	11.2	8
9	12.3 E	3.60	4.40	2.86	2.07	3.24	0.943	1.09	0.989	2.06	17.9	13.3	9
10	10.2 E	6.61	5.25	1.54	1.51	3.67	0.784	1.10	1.62	2.01	58.6	9.91	10
11	8.50E	17.1	4.60	1.49	1.51	3.98	0.750	1.11	2.08	2.08	68.0	7.49	11
12	6.95E	12.8	3.87	1.36	1.60	3.72	0.779	1.09	2.08	2.13	36.5	5.79	12
13	5.42E	8.23	3.40	1.55	1.60	3.49	0.767	1.08	2.10	2.06	25.9	4.70	13
14	5.79E	5.86	3.30	1.48	1.63	3.24	1.14	1.06	1.62	2.06	20.8	4.09	14
15	5.45E	4.73	3.21	2.24	1.65	2.83	1.42	1.06	1.09	2.07	13.7	4.67	15
16	4.48A	3.93	3.12	4.15	1.66	2.32	1.22	1.07	1.11	2.08	14.6	4.43	16
17	3.94	3.36	3.33	4.36	1.61	2.16	0.933	1.08	1.12	2.15	18.0	4.58	17
18	3.54	3.05	5.65	2.86	1.58	2.03	0.984	1.05	1.08	2.20	11.9	5.09	18
19	3.13	3.04	7.23	2.94	1.46	1.98	0.961	1.03	1.05	2.17	7.94	4.93	19
20	3.06	3.03	7.85	3.78	1.49	1.85	0.928	1.08	1.05	2.20	5.90	4.32	20
21	2.99	3.00	8.44	4.29	1.52	1.58	0.940	1.24	1.06	2.40	4.99	3.82	21
22	3.20	2.97	7.53	4.12	2.16	1.38	0.934	1.23	1.09	2.32	12.3	3.69	22
23	3.33	2.95	6.30	4.47	2.37	1.41	0.935	1.09	1.03	2.23	65.2	3.67	23
24	3.35	3.05	5.26	4.85	2.67	1.33	0.912	1.08	1.02	2.29	45.7	3.65	24
25	7.24	3.13	4.42	4.81	1.97	1.29	0.925	1.05	1.01	7.00	18.7	3.64	25
26	7.36	3.02	3.67	4.80	1.80	1.24	0.946	1.08	1.01	13.6	9.76	3.02	26
27	6.23	3.06	3.38	4.24	1.83	1.11	1.02	1.04	1.06	11.4	6.70	3.09	27
28	6.48	3.00	3.28	3.75	2.06	1.03	1.09	1.04	1.03	12.2	6.64	3.07	28
29	6.75		3.40	3.32	1.85	1.03	1.08	1.04	1.02	12.0	30.3	3.05	29
30	5.62		3.92	2.46	1.86	1.04	1.15	1.06	1.02	11.1	18.2	2.95	30
31	4.52		4.74		2.08		2.04	1.03		11.0		2.88	31
TOTAL	187.73	171.38	135.10	110.34	57.92	92.77	34.793	37.54	35.539	136.23	564.28	278.18	TOTAL
MEAN	6.06	6.12	4.36	3.68	1.87	3.09	1.12	1.21	1.18	4.39	18.8	8.97	MEAN
MAX	17.7	21.6	8.44	5.77	2.77	13.3	2.09	2.69	2.10	15.1	68.0	61.4	MAX
MIN	2.96	2.95	1.98	1.36	1.46	1.03	0.750	1.03	0.989	1.05	3.49	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.05
MAXIMUM DAILY, 68.0 ON NOV 11
MINIMUM DAILY, 0.750 ON JUL 11
MAXIMUM INSTANTANEOUS,
97.1 AT 21:01 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 12 N
LONG 124 09 55 W
DRAINAGE AREA, 62.2 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 200	JUL	3 010
FEB	14 800	AUG	3 240
MAR	11 700	SEP	3 070
APR	9 530	OCT	11 800
MAY	5 000	NOV	48 800
JUN	8 020	DEC	24 000

TOTAL DISCHARGE, 159 000 dam³

JUNCTION CREEK NEAR LILLOOET - STATION NO. 08ME026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.093	0.154	0.850E	0.525E	0.367	0.244	0.176	---	---	1
2	---	---	---	0.096	0.159	0.870E	0.500E	0.359	0.244	0.179	---	---	2
3	---	---	---	0.088	0.158	0.790E	0.480E	0.358	0.236	0.176	---	---	3
4	---	---	---	0.094	0.157	0.740E	0.455E	0.343	0.229	0.183	---	---	4
5	---	---	---	0.099	0.159	0.704E	0.444A	0.336	0.232	0.188	---	---	5
6	---	---	---	0.095	0.172	0.680E	0.499	0.331	0.224	0.184	---	---	6
7	---	---	---	0.093	0.179	0.660E	0.527	0.323	0.214	0.179	---	---	7
8	---	---	---	0.094	0.182	0.640E	0.563	0.311	0.206	0.166	---	---	8
9	---	---	---	0.104	0.195	0.620E	0.582	0.316	0.212	0.176	---	---	9
10	---	---	---	0.103	0.204A	0.630E	0.586	0.310	0.219	0.174	---	---	10
11	---	---	---	0.104	0.240E	0.610E	0.579	0.292	0.212	0.167	---	---	11
12	---	---	---	0.101	0.250E	0.600E	0.564	0.284	0.208	0.164	---	---	12
13	---	---	0.095A	0.103	0.265E	0.640E	0.553	0.290	0.204	0.161	---	---	13
14	---	---	0.093	0.101	0.285E	0.690E	0.535	0.285	0.203	0.162	---	---	14
15	---	---	0.095	0.103	0.300E	0.725E	0.515	0.285	0.205	0.162	---	---	15
16	---	---	0.095	0.112	0.320E	0.770E	0.505	0.284	0.219	0.161	---	---	16
17	---	---	0.094	0.106	0.340E	0.830E	0.497	0.282	0.216	0.160	---	---	17
18	---	---	0.094	0.109	0.370E	0.880E	0.488	0.283	0.210	0.167	---	---	18
19	---	---	0.095	0.113	0.390E	0.950E	0.474	0.278	0.202	0.165	---	---	19
20	---	---	0.094	0.109	0.380E	0.940E	0.462	0.272	0.193	0.158	---	---	20
21	---	---	0.089	0.115	0.375E	0.920E	0.446	0.268	0.195	0.158	---	---	21
22	---	---	0.090	0.124	0.385E	0.880E	0.428	0.274	0.189	0.159	---	---	22
23	---	---	0.090	0.125	0.410E	0.840E	0.430	0.270	0.191	0.159	---	---	23
24	---	---	0.087	0.124	0.435E	0.790E	0.423	0.277	0.193	0.162A	---	---	24
25	---	---	0.093	0.130	0.470E	0.720E	0.421	0.274	0.193	---	---	---	25
26	---	---	0.096	0.131	0.510E	0.690E	0.398	0.266	0.186	---	---	---	26
27	---	---	0.094	0.139	0.570E	0.650E	0.397	0.264	0.185	---	---	---	27
28	---	---	0.093	0.137	0.650E	0.620E	0.398	0.261	0.178	---	---	---	28
29	---	---	0.096	0.143	0.730E	0.580E	0.381	0.261	0.185	---	---	---	29
30	---		0.088	0.152	0.820E	0.550E	0.377	0.252	0.180	---	---	---	30
31	---		0.091		0.810E		0.378	0.252		---	---	---	31
TOTAL	---	---	---	3.340	11.024	22.059	14.810	9.108	6.207	---	---	---	TOTAL
MEAN	---	---	---	0.111	0.356	0.735	0.478	0.294	0.207	---	---	---	MEAN
MAX	---	---	---	0.152	0.820	0.950	0.586	0.367	0.244	---	---	---	MAX
MIN	---	---	---	0.088	0.154	0.550	0.377	0.252	0.178	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.950E ON JUN 19

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 38 N
LONG 122 18 13 W
DRAINAGE AREA, 86.4 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 280
FEB	---	AUG	787
MAR	---	SEP	536
APR	289	OCT	---
MAY	952	NOV	---
JUN	1 910	DEC	---

KALAMALKA LAKE AT VERNON PUMPHOUSE - STATION NO. 08NM143

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.383	0.407	0.411	0.452	0.568	0.613	0.829	0.545	0.358	0.295	0.245	0.275	1
2	0.383	0.408	0.413	0.455	0.569	0.613	0.825	0.530	0.359	0.293	0.242	0.282	2
3	0.382	0.407	0.416	0.458	0.564	0.625	0.818	0.514	0.354	0.284	0.245	0.282	3
4	0.381	0.409	0.418	0.462	0.565	0.663	0.803	0.502	0.348	0.283	0.247	0.284	4
5	0.384	0.409	0.419	0.466	0.562	0.670	0.795	0.496	0.346	0.284	0.248	0.283	5
6	0.384	0.408	0.419	0.470	0.562	0.678	0.810	0.491	0.345	0.276	0.249	0.282	6
7	0.393	0.410	0.425	0.475	0.562	0.699	0.802	0.480	0.342	0.275	0.248	0.280	7
8	0.393	0.410	0.434	0.484	0.558	0.706	0.795	0.466	0.340	0.267	0.253	0.279	8
9	0.398	0.410	0.430	0.487	0.551	0.721	0.787	0.454	0.340	0.262	0.255	0.288	9
10	0.399	0.412	0.433	0.488	0.547	0.754	0.779	0.447	0.337	0.265	0.260	0.296	10
11	0.394	0.412	0.434	0.497	0.552	0.779	0.772	0.440	0.338	0.264	0.266	0.301	11
12	0.394	0.410	0.432	0.500	0.549	0.774	0.766	0.429	0.336	0.260	0.266	0.304	12
13	0.398	0.406	0.430	0.502	0.552	0.783	0.756	0.417	0.334	0.257	0.270	0.301	13
14	0.399	0.402	0.432	0.510	0.556	0.799	0.741	0.409	0.331	0.251	0.271	0.301	14
15	0.399	0.404	0.432	0.515	0.556	0.812	0.734	0.404	0.328	0.247	0.271	0.302	15
16	0.401	0.401	0.437	0.519	0.552	0.825	0.730	0.393	0.328	0.251	0.267	0.305	16
17	0.399	0.399	0.440	0.521	0.551	0.843	0.714	0.378	0.323	0.251	0.265	0.304	17
18	0.400	0.401	0.442	0.525	0.552	0.853	0.702	0.377	0.324	0.249	0.267	0.305	18
19	0.398	0.400	0.444	0.529	0.548	0.856	0.690	0.379	0.321	0.251	0.269	0.300	19
20	0.399	0.402	0.450	0.533	0.548	0.861	0.676	0.377	0.313	0.251	0.272	0.293	20
21	0.404	0.396	0.451	0.536	0.548	0.869	0.665	0.375	0.304	0.252	0.272	0.290	21
22	0.411	0.397	0.450	0.541	0.555	0.878	0.655	0.383	0.310	0.246	0.269	0.290	22
23	0.411	0.401	0.449	0.546	0.564	0.881	0.637	0.369	0.308	0.244	0.270	0.289	23
24	0.409	0.405	0.446	0.550	0.571	0.881	0.623	0.359	0.309	0.251	0.276	0.287	24
25	0.409	0.407	0.444	0.554	0.579	0.877	0.611	0.360	0.304	0.252	0.283	0.283	25
26	0.409	0.407	0.449	0.560	0.581	0.873	0.608	0.361	0.302	0.251	0.282	0.283	26
27	0.408	0.412	0.449	0.562	0.584	0.863	0.591	0.361	0.300	0.250	0.282	0.282	27
28	0.404	0.409	0.450	0.565	0.588	0.855	0.577	0.362	0.299	0.247	0.279	0.278	28
29	0.407		0.447	0.567	0.598	0.848	0.563	0.362	0.296	0.245	0.281	0.270	29
30	0.406		0.449	0.564	0.598	0.838	0.553	0.369	0.296	0.245	0.280	0.278	30
31	0.405		0.451		0.604		0.550	0.363		0.246		0.280	31
MEAN	0.398	0.406	0.436	0.513	0.564	0.786	0.708	0.418	0.326	0.260	0.265	0.289	MEAN
MAX	0.411	0.412	0.451	0.567	0.604	0.881	0.829	0.545	0.359	0.295	0.283	0.305	MAX
MIN	0.381	0.396	0.411	0.452	0.547	0.613	0.550	0.359	0.296	0.244	0.242	0.270	MIN

WATER LEVELS IN METRES

MEAN, 0.448
MAXIMUM DAILY, 0.881 ON JUN 23
MINIMUM DAILY, 0.242 ON NOV 02
MAXIMUM INSTANTANEOUS
0.904 AT 07:55 PST ON JUN 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 391.122 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 47 N
LONG 119 16 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

KAMLOOPS LAKE NEAR KAMLOOPS - STATION NO. 08LF085

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.404	0.939	0.944	1.023	3.697	6.340A	6.664	4.287	2.649	1.789	1.459	1.869	1
2	1.385	0.897	0.929	1.049	3.644	6.401	6.568	4.217	2.750	1.730	1.459	1.839	2
3	1.364	0.926	0.916	1.095	3.624	6.429	6.522	4.131	2.793	1.679	1.437	1.788	3
4	1.343	0.962	0.907	1.166	3.633	6.453	6.532	4.038	2.744	1.640	1.426	1.780	4
5	1.319	1.007	0.900	1.261	3.677	6.491	6.495	3.937	2.682	1.600	1.398	1.759	5
6	1.310	1.039	0.890	1.359	3.789	6.520	6.395	3.872	2.606	1.600	1.376	1.740	6
7	1.304	1.052	0.885	1.446	4.080	6.462	6.338	3.799	2.524	1.643	1.362	1.723	7
8	1.299	1.051	0.882	1.518	4.389	6.363	6.377	3.761	2.470	1.659	1.345	1.705	8
9	1.296	1.036	0.871	1.607	4.483	6.316	6.357	3.729	2.431	1.626	1.324	1.705	9
10	1.290	1.028	0.881	1.690	4.454	6.275	6.293	3.665	2.393	1.587	1.324	1.692	10
11	1.283	1.027	0.883	1.749	4.406	6.285	6.236	3.615	2.356	1.546	1.330	1.661	11
12	1.265	1.013	0.890	1.789	4.367	6.524	6.164	3.570	2.322	1.542	1.337	1.633	12
13	1.245	0.969	0.888	1.818	4.354	6.938	6.125	3.528	2.290	1.538	1.419	1.611	13
14	1.234	0.959	0.890	1.852	4.360	7.166	6.134	3.507	2.266	1.534	1.708	1.568	14
15	1.228	0.942	0.885	1.896	4.331	7.147	6.122	3.497	2.226	1.510	2.061	1.543	15
16	1.224	0.874	0.882	1.968	4.285	7.032	6.010	3.504	2.182	1.495	2.303	1.522	16
17	1.223	0.850	0.873	2.052	4.263	6.969	5.834	3.489	2.160	1.459	2.387	1.503	17
18	1.206	0.828	0.868	2.164	4.275	6.961	5.685	3.438	2.145	1.431	2.387	1.426	18
19	1.183	0.820	0.867	2.295	4.307	6.974	5.528	3.365	2.152	1.408	2.352	1.325	19
20	1.145	0.820	0.872	2.459	4.354	6.995	5.348	3.288	2.144	1.388	2.308	1.228	20
21	1.096	0.837	0.881	2.643	4.417	7.013	5.180	3.198	2.103	1.359	2.258	1.133	21
22	1.073	0.862	0.883	2.909	4.460	7.001	5.021	3.143	2.053	1.350	2.217	1.069	22
23	1.077	0.883	0.925	3.176	4.536	6.991	4.886	3.110	2.012	1.330	2.163	1.043	23
24	1.089	0.910	0.953	3.396	4.619	7.041	4.796	3.113	1.966	1.303	2.110	1.057	24
25	1.109	0.940	0.964	3.586	4.720A	7.154	4.725	3.132	1.943	1.293	2.075	1.081	25
26	1.113	0.953	0.968	3.751	4.780E	7.229	4.678	3.063	1.940	1.284	2.042	1.099	26
27	1.113	0.956	0.980	3.824	4.950E	7.179	4.612	2.972	1.937	1.272	1.998	1.126	27
28	1.103	0.947	0.986	3.837	5.200E	7.065	4.552	2.878	1.926	1.312	1.935	1.128	28
29	1.103		0.999	3.821	5.500E	6.923	4.514	2.790	1.895	1.371	1.907	1.126	29
30	1.084		1.003	3.764	5.800E	6.784	4.434	2.709	1.847	1.413	1.883	1.119	30
31	1.007		1.011		6.100E		4.353	2.641		1.448		1.118	31
MEAN	1.211	0.940	0.915	2.266	4.447	6.781	5.661	3.451	2.264	1.488	1.803	1.443	MEAN
MAX	1.404	1.052	1.011	3.837	6.100	7.229	6.664	4.287	2.793	1.789	2.387	1.869	MAX
MIN	1.007	0.820	0.867	1.023	3.624	6.275	4.353	2.641	1.847	1.272	1.324	1.043	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 2.731
MAXIMUM DAILY, 7.229 ON JUN 26
MINIMUM DAILY, 0.820 ON FEB 19
MAXIMUM INSTANTANEOUS,
7.240 AT 11:53 PST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 26 N
LONG 120 32 03 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 335.179 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KANAKA CREEK NEAR WEBSTER CORNERS - STATION NO. 08MH076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.99	2.61	2.01	1.92	1.77	3.85	0.279	0.180E	0.597	0.163	1.77	12.6 E	1
2	1.91	7.02	1.89	2.02	1.73	2.78	0.321	0.150E	0.302	0.180	1.37	11.7 E	2
3	3.26	12.6	1.82	1.68	1.70	10.2	0.552A	0.120A	0.203	1.16	2.30	34.0 E	3
4	9.97	5.63	2.13	1.67	1.90	8.22	0.460E	0.109	0.166	23.1	4.02	42.8 E	4
5	10.9	6.00	2.22	1.78	2.14	3.80	0.400E	0.107	0.147	5.05	3.14	13.7 E	5
6	7.70	4.48	4.70	1.87	1.56	5.00	0.950E	0.099	0.135	1.70	1.91	8.00E	6
7	10.9	3.35	10.5	1.90	1.12	7.10	0.860E	0.098	0.123	0.957	6.46	5.35E	7
8	4.87	2.55	5.93	1.69	0.932	3.98	0.700E	0.094	0.125	0.635	5.22	14.0 E	8
9	11.6	13.9	4.93	1.26	1.02	3.82	0.540E	0.090	0.125	2.60	56.9	18.4 E	9
10	6.03	45.1	6.36	1.32	1.15	7.28	0.500E	0.093	0.123	2.64	67.1	6.06A	10
11	3.33	28.1	3.66	1.78	1.38	7.92	0.437E	0.089	0.116	1.45	26.8	4.03	11
12	2.53	6.57	2.48	1.65	1.13	4.32	0.372E	0.094	0.110	3.85	8.13	2.94	12
13	3.51	3.57	2.26	1.50	1.56	3.30	0.333E	0.089	0.111	1.72	15.0	2.38	13
14	3.07	2.50	2.54	1.97	1.38	2.11	0.305E	0.084	0.109	1.21	5.14	2.19	14
15	2.41	2.14	2.81	2.05	1.01	1.63	0.273E	0.082	0.112	1.37	4.19	3.31	15
16	2.38	1.80B	2.36	2.53	0.828	1.33	0.255E	0.089	4.87	1.01	3.26	2.74	16
17	1.73	1.57B	2.89	3.87	0.808	1.16	0.237E	0.100	1.41	0.808	7.33	14.2	17
18	1.49	1.40B	6.91	1.81	1.20	0.948	0.219E	0.139	0.521	2.40	3.32	6.96	18
19	1.30	1.31B	4.00	1.86	1.19	0.899	0.230E	0.158	0.326	1.44	3.63	3.17A	19
20	1.14	2.60A	4.68	4.38	1.06	1.04	0.264E	0.130	0.241	0.927	3.39	2.91B	20
21	1.67	3.12	3.95	2.35	1.22	0.748	0.240E	0.120	0.196	5.02	6.39	2.53B	21
22	12.6	2.72	2.54	2.57	1.13	0.633	0.226E	0.145	0.172	2.69	12.5	2.35B	22
23	6.32	2.38	1.86	5.83	0.856	0.528	0.211E	0.196	0.155	1.74	13.5 A	2.22B	23
24	7.71	3.92	1.50	5.69	1.50	0.455	0.200E	0.153	0.150	1.24	10.5 E	2.13B	24
25	9.83	3.85	1.34	5.43	1.02	0.401	0.170E	0.122	0.146	1.38	7.40E	2.01B	25
26	4.60	2.83	1.24	9.19	0.728	0.364	0.202E	0.132	0.146	4.69	5.82E	2.19B	26
27	5.65	2.28	1.28	4.50	0.833	0.337	0.214E	0.126	0.140	2.43	5.00E	2.03B	27
28	11.6	2.13	1.51	4.26	1.07	0.322	0.205E	0.106	0.135	1.93	3.89E	1.98B	28
29	7.17		1.71	2.81	0.922	0.307	0.213E	0.125	0.131	2.60	9.18E	1.96B	29
30	4.41		1.74	1.92	0.739	0.286	0.229E	0.257	0.129	8.12	7.23E	1.90B	30
31	3.11		1.83		3.67		0.205E	3.10		2.88		1.87B	31
TOTAL	167.69	178.03	98.55	85.06	40.456	85.068	10.802	6.776	11.472	89.090	311.49	234.61	TOTAL
MEAN	5.41	6.36	3.18	2.84	1.31	2.84	0.349	0.219	0.382	2.87	10.4	7.57	MEAN
MAX	12.6	45.1	10.5	9.19	3.67	10.2	0.950	3.10	4.87	23.1	67.1	42.8	MAX
MIN	1.14	1.31	1.24	1.26	0.728	0.286	0.170	0.082	0.109	0.163	1.37	1.87	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.61
MAXIMUM DAILY, 67.1 ON NOV 10
MINIMUM DAILY, 0.082 ON AUG 15
MAXIMUM INSTANTANEOUS,
97.0 AT 09:45 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 25 N
LONG 122 32 05 W
DRAINAGE AREA, 47.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 500	JUL	933
FEB	15 400	AUG	585
MAR	8 510	SEP	991
APR	7 350	OCT	7 700
MAY	3 500	NOV	26 900
JUN	7 350	DEC	20 300

TOTAL DISCHARGE, 114 000 dam³

KASLO RIVER BELOW KEMP CREEK - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.59	2.87	2.48	6.60	13.0	53.5	62.9	19.6	8.39	3.98	4.78	6.15E	1
2	3.50	2.87	2.47	8.77	11.0	44.7	56.4	17.3	7.57	4.02	4.41	5.90E	2
3	3.41	2.90	2.53	10.2	13.7	40.4	57.5	15.4	7.19	4.11	4.25A	5.80E	3
4	3.50	2.90	2.47	10.2	16.4	49.7	46.4	14.5	6.85	6.82	4.20E	5.70E	4
5	3.45	2.86	2.47	10.4	22.7	37.1	45.7	14.6	6.61	15.9	4.05E	5.55E	5
6	3.45	2.82	2.50	10.8	34.2	34.0	52.2	14.6	6.46	8.56	4.04E	5.45E	6
7	3.54	2.80	2.52	11.4	30.2	36.5	51.6	14.5	6.16	6.66	4.05E	5.35E	7
8	3.49	2.78	2.69	12.4	24.8	35.5	44.1	13.1	6.07	5.93	4.20E	5.25E	8
9	3.56	2.80	2.59	12.4	21.4	34.1	46.1	12.2	5.96	5.61	8.10E	5.05E	9
10	3.54	2.94	2.59	11.5	19.8	51.6	48.6	11.9	5.87	5.90	13.0 E	4.95E	10
11	2.99	3.12	2.57	10.8	19.3	60.6	50.9	12.3	5.73	5.21	12.4 E	4.85E	11
12	3.41	2.99	2.56	10.5	19.2	47.5	53.6	12.2	5.67	5.32	11.4 E	4.75E	12
13	3.44	2.79	2.55	10.2	19.7	39.9	55.6	11.8	5.45	5.55	10.4 E	4.65E	13
14	3.25	2.42	2.56	10.3	19.6	35.8	46.2	11.5	5.14	5.20	10.6 E	4.55E	14
15	3.22	2.70B	2.55	10.9	18.4	35.8	39.9	11.0	4.94	4.95	9.90E	4.45E	15
16	3.15	2.71B	2.60	11.8	17.8	40.7	37.9	10.1	5.21	4.82	8.60E	4.40E	16
17	2.99A	2.72	2.64	13.1	17.7	46.2	33.7	9.40	5.24	4.52	7.90E	4.36E	17
18	2.85	2.75	2.69	14.6	17.8	50.9	29.6	9.13	4.92	4.58	7.50E	4.28E	18
19	3.00	2.86	2.83	16.9	18.6	52.6	27.8	8.86	4.73	4.52	7.15E	4.17B	19
20	3.12	2.72	3.18	19.6	18.9	64.1	25.8	8.80	4.57	4.41	6.85E	4.12B	20
21	3.25	2.65	3.36	21.5	18.6	65.1	24.3	8.95	4.46	4.45	6.55E	4.13B	21
22	3.16	2.56	3.43	24.3	18.8	64.9	25.0	9.49	4.40	4.35	6.80E	3.98B	22
23	3.04	2.53	3.34	25.5	23.6	76.8	25.1	9.59	4.36	4.20	8.00E	3.91B	23
24	2.99	2.48E	3.33	24.7	30.4	85.7	24.4	8.09	4.37	4.16	10.8 E	3.82B	24
25	3.02	2.47E	3.29	22.4	36.5	87.5	27.1	8.29	4.33	4.20	8.70E	3.79B	25
26	3.01	2.49E	3.34	19.6	33.1	77.4	27.3	8.17	4.32	4.64	8.00E	3.72B	26
27	2.97	2.47	3.45	17.9	30.5	67.4	27.0	7.36	4.35	4.39	7.40E	3.68B	27
28	3.01	2.46	3.62	16.3	34.6	60.0	23.4	6.89	4.18	4.62	6.90E	3.64B	28
29	3.02		3.73	14.7	47.4	57.3	21.7	6.69	4.06	4.68	6.60E	3.56B	29
30	2.94		4.11	13.4	61.7	64.5	21.2	8.73	4.04	4.81	6.40E	3.51B	30
31	2.89		4.89		54.5		21.4	9.27		5.18		3.46B	31
TOTAL	99.75	76.43	91.83	433.67	785.9	1 588.8	1 179.5	344.31	161.60	166.25	223.93	140.93	TOTAL
MEAN	3.22	2.73	2.96	14.5	25.4	53.0	38.0	11.1	5.39	5.36	7.46	4.55	MEAN
MAX	3.59	3.12	4.89	25.5	61.7	87.5	62.9	19.6	8.39	15.9	13.0	6.15	MAX
MIN	2.85	2.42	2.47	6.60	13.0	34.0	21.2	6.69	4.04	3.98	4.04	3.46	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 87.5 ON JUN 25
MINIMUM DAILY, 2.42 ON FEB 14
MAXIMUM INSTANTANEOUS,
94.4 AT 00:20 PST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 116 57 07 W
DRAINAGE AREA, 453 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 620	JUL	102 000
FEB	6 600	AUG	29 700
MAR	7 930	SEP	14 000
APR	37 500	OCT	14 400
MAY	67 900	NOV	19 300
JUN	137 000	DEC	12 200

TOTAL DISCHARGE, 457 000 dam³

KECHIKA RIVER ABOVE BOYA CREEK - STATION NO. 10BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.5B	28.2B	27.0B	28.8B	43.0E	764	469	246	142	93.4	57.0B	41.0B	1
2	33.4B	28.1B	27.1B	28.9B	44.5E	815	477	230	145	91.6	57.2B	40.5B	2
3	33.3B	28.0B	27.1B	28.9B	46.0E	1 010	454	204	137	90.3	57.4B	40.0B	3
4	33.2B	28.0B	27.1B	29.0B	49.0E	901	412	191	131	89.1	57.5B	39.6B	4
5	32.1B	27.9B	27.1B	29.1B	52.0E	793	388	186	127	88.0	57.4B	39.2B	5
6	32.0B	27.8B	27.2B	29.2B	58.0E	800	386	197	131	86.2	57.3B	39.0B	6
7	31.8B	27.6B	27.2B	29.3B	60.0E	804	385	212	133	83.9	57.0B	38.7B	7
8	31.6B	27.6B	27.2B	29.5B	64.0E	808	380	220	132	82.9	56.5B	38.2B	8
9	31.3B	27.5B	27.3B	29.7B	67.0E	784	387	192	135	83.5	55.5B	38.0B	9
10	31.1B	27.5B	27.3B	29.9B	70.0E	705	387	184	124	83.2	54.5B	37.8B	10
11	31.0B	27.4B	27.3B	30.2B	75.0E	648	374	187	118	82.6	53.5B	37.4B	11
12	30.8B	27.3B	27.4B	30.4B	82.0E	632	377	199	122	81.5	52.5B	37.0B	12
13	30.7B	27.2B	27.4B	30.6B	90.0E	615	361	207	120	80.5	51.5B	36.7B	13
14	30.4B	27.2B	27.5B	30.8B	100 E	617	352	214	116	80.0	50.5B	36.4B	14
15	30.2B	27.1B	27.5B	31.0B	111 E	638	305	222	110	78.7	50.0B	36.2B	15
16	30.1B	27.1B	27.5B	31.3B	129 E	660	282	215	109	76.6	49.0B	36.0B	16
17	30.0B	27.1B	27.6B	31.8B	150 E	630	298	201	106	75.3B	48.5B	35.8B	17
18	29.9B	27.1B	27.7B	32.1B	165 A	538	307	195	108	73.0B	48.0B	35.6B	18
19	29.8B	27.0B	27.8B	32.5B	184	490	293	190	117	69.5B	47.0B	35.3B	19
20	29.8B	27.0B	28.0B	33.0B	216	463	280	183	120	73.0B	46.5B	35.0B	20
21	29.7B	27.0B	28.0B	33.6B	240	438	267	188	122	72.0B	46.0B	34.8B	21
22	29.5B	27.0B	28.0B	34.0B	262	446	272	198	126	75.0	45.5B	34.6B	22
23	29.3B	27.0B	28.1B	35.0B	297	506	288	200	129	74.4	45.0B	34.4B	23
24	29.1B	27.0B	28.1B	35.6B	324	595	291	181	123	73.7	44.5B	34.2B	24
25	29.0B	26.9B	28.2B	36.3E	312	520	287	157	116	73.6	44.0B	34.0B	25
26	28.9B	27.0B	28.3B	37.1E	305	433	282	143	110	69.0B	43.5B	33.8B	26
27	28.8B	27.0B	28.4B	38.0E	322	390	279	135	106	67.0B	43.0B	33.6B	27
28	28.7B	27.0B	28.5B	39.4E	398	410	253	130	100	65.0B	42.5B	33.4B	28
29	28.5B		28.6B	40.5E	515	437	237	132	95.9	62.0B	42.0B	33.2B	29
30	28.4B		28.7B	41.8E	614	441	231	144	94.4	59.0B	41.5B	33.1B	30
31	28.3B		28.8B		696		239	148		57.5B		33.0B	31
TOTAL	944.2	765.6	859.0	977.3	6 140.5	18 731	10 280	5 831	3 584.3	2 390.4	1 501.8	1 125.5	TOTAL
MEAN	30.5	27.3	27.7	32.6	198	624	332	188	119	77.1	50.1	36.3	MEAN
MAX	33.5	28.2	28.8	41.8	696	1 010	477	246	145	93.4	57.5	41.0	MAX
MIN	28.3	26.9	27.0	28.8	43.0	390	231	130	94.4	57.5	41.5	33.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 146
MAXIMUM DAILY, 1 010 ON JUN 03
MINIMUM DAILY, 26.9B ON FEB 25
MAXIMUM INSTANTANEOUS,
1 030 AT 14:47 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 05 54 N
LONG 127 32 02 W
DRAINAGE AREA, 11 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 600	JUL	888 000
FEB	66 100	AUG	504 000
MAR	74 200	SEP	310 000
APR	84 400	OCT	207 000
MAY	531 000	NOV	130 000
JUN	1 620 000	DEC	97 200

TOTAL DISCHARGE, 4 590 000 dam³

KEEN CREEK BELOW KYAWATS CREEK - STATION NO. 08NH132

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.760B	0.600B	0.405B	0.709	2.31	14.0	19.0	5.85	2.24	0.838	1.03	1.39	1
2	0.730B	0.600B	0.400B	0.969	2.36	10.3	15.8	4.87	1.86	0.819	0.924	1.32	2
3	0.720B	0.597B	0.407B	1.12	2.49	8.78	17.1	4.26	1.73	0.822	0.900	1.28	3
4	0.730B	0.605B	0.411B	1.13	3.08	8.99	12.1	3.89	1.63	4.11	0.943	1.25	4
5	0.720B	0.590B	0.415B	1.23	4.64	8.06	12.1	4.06	1.60	6.56	0.910	1.25	5
6	0.715B	0.585B	0.415	1.34	7.41	7.23	16.8	4.15	1.55	2.85	0.942	1.21	6
7	0.725B	0.584B	0.415B	1.45	6.61	7.96	16.9	4.25	1.51	1.98	0.955	1.22	7
8	0.730B	0.583B	0.416B	1.56	5.29	7.56	12.4	3.77	1.48	1.58	0.882	1.18 B	8
9	0.720B	0.582B	0.416B	1.56	4.43	7.36	12.9	3.40	1.49	1.45	1.13	1.15 B	9
10	0.665B	0.580B	0.417	1.47	4.06	15.5	14.2	3.37	1.41	1.44	3.59	1.10	10
11	0.640B	0.585B	0.417B	1.39	4.01	18.5	15.3	3.64	1.41	1.28	3.43	1.08	11
12	0.645B	0.595B	0.418B	1.38	4.01	11.7	17.0	3.63	1.39	1.25	2.60	1.07 B	12
13	0.665B	0.597B	0.422B	1.32	4.00	8.49	19.2	3.53	1.24	1.25	2.70	1.04 B	13
14	0.659	0.550B	0.427B	1.33	3.86	7.45	14.2	3.50	1.13	1.20	2.66	1.02 B	14
15	0.635B	0.460B	0.430B	1.42	3.71	7.60	11.6	3.30	1.10	1.16	2.16	1.00 B	15
16	0.625B	0.445B	0.432B	1.53	3.56	9.26	10.4	2.81	1.27	1.08	1.95	0.980B	16
17	0.630B	0.465B	0.434	1.69	3.58	11.4	9.44	2.52	1.20	1.01	1.76	0.960B	17
18	0.635B	0.475B	0.431	1.96	3.74	13.6	7.62	2.50	1.09	1.02	1.61	0.940B	18
19	0.640B	0.480B	0.443	2.43	4.00	14.4	7.21	2.43	1.01	1.01	1.54	0.930B	19
20	0.650B	0.485B	0.459	3.04	4.03	17.0	6.48	2.47	0.978	0.994	1.52	0.910B	20
21	0.660B	0.479B	0.453	3.55	3.99	18.1	6.30	2.57	0.939	0.960	1.41	0.900B	21
22	0.645B	0.475B	0.456	4.26	4.01	18.1	7.01	2.74	0.947	0.952	1.47	0.890B	22
23	0.630B	0.460B	0.456B	4.54	5.41	22.7	7.26	2.47	0.973	0.905	1.80	0.870B	23
24	0.625B	0.440B	0.454B	4.14	7.28	26.6	6.84	1.90	1.00	0.887	2.51	0.850B	24
25	0.620B	0.425B	0.450B	3.64	8.68	28.6	8.33	2.05	1.01	0.913	1.94	0.830B	25
26	0.620B	0.415B	0.445B	3.22	7.34	23.8	8.46	1.97	1.04	1.13	1.78	0.820B	26
27	0.619B	0.410B	0.443B	3.01	6.79	20.3	8.35	1.62	1.07	1.01	1.66	0.800B	27
28	0.620B	0.408B	0.446B	2.80	8.51	16.5	7.00	1.44	0.942	1.06	1.50	0.790B	28
29	0.625B		0.453	2.54	14.4	15.6	6.30	1.44	0.900	1.07	1.47	0.780B	29
30	0.615B		0.481	2.35	19.9	19.5	6.42	2.69	0.881	1.06	1.44	0.770B	30
31	0.600B		0.561		16.1		6.39	2.81		1.10		0.755B	31
TOTAL	20.518	14.555	13.528	64.078	183.59	424.94	346.41	95.90	38.020	44.750	51.116	31.335	TOTAL
MEAN	0.662	0.520	0.436	2.14	5.92	14.2	11.2	3.09	1.27	1.44	1.70	1.01	MEAN
MAX	0.760	0.605	0.561	4.54	19.9	28.6	19.2	5.85	2.24	6.56	3.59	1.39	MAX
MIN	0.600	0.408	0.400	0.709	2.31	7.23	6.30	1.44	0.881	0.819	0.882	0.755	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.64
MAXIMUM DAILY, 28.6 ON JUN 25
MINIMUM DAILY, 0.400B ON MAR 02
MAXIMUM INSTANTANEOUS,
31.6 AT 09:40 PST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 18 N
LONG 117 07 13 W
DRAINAGE AREA, 92.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 770	JUL	29 900
FEB	1 260	AUG	8 290
MAR	1 170	SEP	3 280
APR	5 540	OCT	3 870
MAY	15 900	NOV	4 420
JUN	36 700	DEC	2 710

TOTAL DISCHARGE, 115 000 dam³

KELOWNA CREEK NEAR KELOWNA (LOWER STATION) - STATION NO. 08NM053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.182	0.147	0.166	0.279	0.221	4.06	0.212	0.180	0.307	0.245	0.193	0.215	1
2	0.182	0.146	0.163	0.348	0.211	4.32	0.242	0.186	0.293	0.213	0.194	0.217	2
3	0.176	0.159	0.160	0.486	0.184	4.16	0.343	0.174	0.270	0.240	0.209	0.220	3
4	0.173	0.177	0.165	0.606	0.147	6.57	0.239	0.163	0.252	0.239	0.221	0.258	4
5	0.170	0.177	0.162	0.636	0.132	8.34	0.237	0.156	0.231	0.232	0.217	0.261	5
6	0.176	0.176	0.168	0.657	0.107	6.83	2.22	0.158	0.218	0.223	0.203	0.245	6
7	0.185	0.181	0.168	0.678	0.121	5.98	4.65	0.146	0.188	0.220	0.218	0.240	7
8	0.185	0.188	0.183	0.707	0.118	5.81	3.88	0.145	0.176	0.225	0.212	0.225	8
9	0.184	0.183	0.165	0.670	0.100	4.69	2.90	0.151	0.182	0.228	0.213	0.288	9
10	0.194	0.193	0.170	0.555	0.105	4.25	2.06	0.145	0.176	0.273	0.229	0.281	10
11	0.179	0.212	0.164	0.509	0.114	6.16	1.47	0.154	0.175	0.244	0.215	0.287	11
12	0.175	0.201	0.154	0.492	0.133	7.01	0.984	0.154	0.173	0.217	0.203	0.257	12
13	0.167	0.178	0.159	0.514	0.135	9.19	0.661	0.143	0.182	0.226	0.206	0.252	13
14	0.182	0.168	0.164	0.531	0.182	9.13	0.449	0.142	0.203	0.263	0.220	0.239	14
15	0.198	0.173	0.163	0.569	0.171	7.68	0.320	0.153	0.224	0.294	0.209	0.227	15
16	0.175	0.197	0.171	0.559	0.170	6.23	0.280	0.158	0.302	0.296E	0.207	0.226	16
17	0.170	0.161	0.166	0.544	0.169	5.19	0.229	0.176	0.314	0.298E	0.216	0.228	17
18	0.166	0.155	0.181	0.540	0.188	4.08	0.211	0.220	0.276	0.300E	0.211	0.210	18
19	0.163	0.152	0.176	0.508	0.201	3.47	0.217	0.248	0.261	0.302E	0.214	0.187	19
20	0.170	0.151	0.174	0.585	0.225	3.02	0.219	0.253	0.242	0.306E	0.223	0.175A	20
21	0.174	0.150	0.177	0.536	0.247	2.54	0.207	0.263	0.240	0.320E	0.217	0.161B	21
22	0.177	0.154	0.170	0.510	0.338	2.01	0.249	0.359	0.220	0.316E	0.218	0.169B	22
23	0.166	0.168	0.160	0.538	0.527	1.61	0.300	0.260	0.223	0.311A	0.220	0.177B	23
24	0.164	0.193	0.145	0.415	0.982	1.40	0.332	0.261	0.212	0.306E	0.200B	0.186B	24
25	0.166	0.210	0.142	0.278	2.74	1.16	0.341	0.298	0.196	0.372E	0.182B	0.192B	25
26	0.164	0.194	0.161	0.242	3.90	0.868	0.542	0.289	0.204	0.280E	0.174B	0.194B	26
27	0.158	0.172	0.160	0.202	3.41	0.698	0.331	0.269	0.192	0.290E	0.192B	0.182B	27
28	0.163	0.170	0.157	0.261	2.76	0.592	0.282	0.256	0.200	0.230E	0.218B	0.154B	28
29	0.165		0.158	0.295	3.22	0.446	0.250	0.255	0.219	0.181E	0.230B	0.143B	29
30	0.163		0.174	0.258	4.14	0.292	0.220	0.398	0.207	0.206E	0.237	0.156B	30
31	0.150		0.211		4.26		0.215	0.321		0.198A		0.168B	31
TOTAL	5.362	4.886	5.157	14.508	29.658	127.786	25.292	6.634	6.758	8.094	6.341	6.620	TOTAL
MEAN	0.173	0.175	0.166	0.484	0.957	4.26	0.816	0.214	0.225	0.261	0.211	0.214	MEAN
MAX	0.198	0.212	0.211	0.707	4.26	9.19	4.65	0.398	0.314	0.372	0.237	0.288	MAX
MIN	0.150	0.146	0.142	0.202	0.100	0.292	0.207	0.142	0.173	0.181	0.174	0.143	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.677
MAXIMUM DAILY, 9.19 ON JUN 13
MINIMUM DAILY, 0.100 ON MAY 09
MAXIMUM INSTANTANEOUS,
9.96 AT 19:25 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 41 N
LONG 119 25 06 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	463	JUL	2 190
FEB	422	AUG	573
MAR	446	SEP	584
APR	1 250	OCT	699
MAY	2 560	NOV	548
JUN	11 000	DEC	572

TOTAL DISCHARGE, 21 300 dam³

KEMANO POWERHOUSE - STATION NO. 08FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	121	127	110	120	131	112	99.5	96.4	112	131	116	133	1
2	117	128	129	128	132	112	98.8	97.0	115	131	125	135	2
3	127	127	128	130	131	113	97.1	96.5	112	130	135	130	3
4	128	127	128	130	131	111	97.3	96.1	111	130	135	130	4
5	129	122	115	131	130	113	97.9	96.3	108	114	130	135	5
6	128	127	124	131	132	113	97.9	96.1	114	128	129	133	6
7	129	116	124	131	131	115	97.4	96.2	117	125	129	135	7
8	112	127	126	131	123	128	97.5	97.0	113	124	128	135	8
9	105	127	127	129	129	127	96.6	93.8	113	116	129	134	9
10	107	124	126	129	127	126	96.4	96.2	113	118	129	134	10
11	111	128	127	129	129	129	96.9	95.6	114	122	129	135	11
12	129	111	126	130	132	127	95.9	96.2	116	131	121	135	12
13	129	107	126	130	130	127	96.2	96.2	113	132	128	135	13
14	128	106	126	131	130	126	96.2	96.9	113	121	128	134	14
15	118	106	126	129	128	126	96.1	96.0	112	116	123	126	15
16	129	110	128	130	128	121	96.4	95.5	113	109	115	134	16
17	128	129	129	130	133	129	95.9	96.2	112	129	125	131	17
18	129	129	130	129	131	128	96.1	96.3	113	132	135	135	18
19	125	128	119	128	131	129	96.2	96.1	114	126	133	135	19
20	129	128	108	121	131	127	96.2	96.3	115	132	135	133	20
21	128	128	114	133	131	127	96.2	96.2	113	132	134	129	21
22	109	128	115	132	129	127	96.1	96.7	113	132	135	134	22
23	105	127	112	115	127	129	97.8	96.6	112	132	135	134	23
24	116	127	117	110	126	129	95.2	96.6	112	130	135	133	24
25	111	128	116	111	133	129	94.5	96.5	112	127	135	135	25
26	120	120	115	110	135	126	86.6	96.8	113	122	135	134	26
27	128	112	127	114	135	128	89.2	105	115	123	131	133	27
28	128	105	124	114	113	120	91.6	112	115	132	135	134	28
29	116		128	131	115	117	92.6	112	129	133	135	134	29
30	127		113	122	112	123	94.8	112	130	120	135	135	30
31	128		126				95.9	112		117		133	31
TOTAL	3 774	3 409	3 789	3 787	3 966	3 694	2 969.0	3 055.2	3 438	3 891	3 898	4 129	TOTAL
MEAN	122	122	122	126	128	123	95.8	98.6	115	126	130	133	MEAN
MAX	129	129	130	133	135	129	99.5	112	130	132	135	135	MAX
MIN	105	105	108	110	112	111	86.6	93.8	108	109	115	126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 135 ON MAY 26
MINIMUM DAILY, 86.6 ON JUL 26

DATA CONTRIBUTED BY -
ALCAN SMELTERS AND CHEMICALS LTD.

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 33 40 N
LONG 127 56 10 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	326 000	JUL	257 000
FEB	295 000	AUG	264 000
MAR	327 000	SEP	297 000
APR	327 000	OCT	336 000
MAY	343 000	NOV	337 000
JUN	319 000	DEC	357 000

TOTAL DISCHARGE, 3 790 000 dam³

KEMANO RIVER ABOVE POWERHOUSE TAILRACE - STATION NO. 08FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.3	4.00B	3.88	22.1	37.2	107 E	105	72.5	38.8	52.1	16.0	8.19	1
2	20.9	3.70B	3.70	23.8	46.7	120 E	84.0	53.4	31.7	34.4	15.8	7.73	2
3	17.3 A	3.38B	3.68	20.2	67.4	140 E	82.5	74.6	28.8	27.4	15.7	25.1	3
4	19.0 A	3.10B	3.82	18.7	79.9	117 E	99.5	74.7	34.0	24.0	17.9	34.8	4
5	39.8 E	2.85B	5.16	19.7	82.7	90.0E	122	83.4	39.9	19.9	15.8	21.2	5
6	33.0 E	2.62B	7.58	21.8	58.0	81.0E	128	87.4	36.3	18.0	14.9	43.6	6
7	29.0 A	2.49B	6.92	24.0	48.7	85.0E	129	63.2	37.7	31.8	18.1	105	7
8	29.0 A	2.50B	5.77	24.6	42.8	81.5E	114	63.0	42.1	120	16.5	66.8	8
9	24.5 E	2.56	4.96	17.0	50.7	81.0E	104	80.2	37.5	134	13.9	29.2	9
10	19.5 E	2.59	4.24	12.8	59.5	81.5E	112	95.3	33.3	31.4	12.1	19.6	10
11	15.0 E	2.53	3.84	9.72	63.1	84.0E	118	108	35.7	22.2	11.1	15.8	11
12	12.0 E	2.32	3.58	9.27	62.4	87.0E	114	110	36.7	54.5	11.1	13.8	12
13	11.1 A	2.22	4.76	21.1	55.3	84.0E	90.9	92.8	34.7	39.2	151	12.9	13
14	10.3	2.12	6.77	32.1	50.7	114 E	76.0	70.4	39.7	29.4	51.7	11.9	14
15	10.8 A	2.07	8.60	41.5	64.6	121 E	85.6	66.7	43.5	19.5	23.4	10.4	15
16	10.1 E	2.10	12.4	50.8	56.5	90.0E	83.1	61.0	43.3	16.2	19.7	10.4	16
17	8.50E	2.11B	14.3	54.8	57.7	78.0E	64.9	61.1	31.7	14.3	23.9	12.0	17
18	8.35E	2.18B	15.5	51.2	59.3	86.2A	61.5	64.4	41.2	14.8	16.3	10.4	18
19	8.00E	2.22	14.6	47.5	58.6	104	81.3	64.7	28.2	28.3	14.7	10.0 B	19
20	10.4 E	2.74	14.7	51.4	64.4	126	89.6	70.9	33.4	17.5	14.6	9.60B	20
21	12.7 A	3.12	16.4	43.7	90.5	143	92.8	72.1	40.8	15.3	12.5	9.20B	21
22	12.1 A	5.63	13.2	42.6	68.7	164	97.1	58.7	39.1	21.8	11.6	8.80B	22
23	8.72A	4.47	9.65	40.0	64.0	127	107	43.7	53.5	19.7	11.1	8.55B	23
24	10.1	4.36	7.28	36.0	64.0	93.5	109	38.6	49.8	41.7	10.4	8.20B	24
25	13.0	5.76	6.52	33.6	67.0	97.8	108	33.8	40.3	113	9.15A	7.90B	25
26	10.4	5.61	6.46	33.7	75.8	111	87.5	32.9	27.0	34.2	8.40E	7.90B	26
27	8.11	4.94	6.56	32.4	113	97.6	70.9	32.6	53.0	25.0	9.00E	8.20B	27
28	6.75	4.33	7.00	27.5	152	117	71.4	35.6	66.6	42.8	9.60E	8.10B	28
29	5.84		9.23	27.4	117	115	86.1	36.3	41.9	23.8	10.5 E	7.95B	29
30	4.86		16.0	33.4	105 A	137	101	39.2	49.9	19.9	9.21A	7.75B	30
31	4.39B		19.8		106 E		102	46.9	33.5	23.4	8.86	7.60B	31
										20.8		7.50B	
TOTAL	461.82	90.62	266.86	924.59	2 198.6	3 158.1	2 977.7	1 988.1	1 143.2	1 096.9	561.42	568.17	TOTAL
MEAN	14.9	3.24	8.61	30.8	70.9	105	96.1	64.1	38.1	35.4	18.7	18.3	MEAN
MAX	39.8	5.76	19.8	54.8	152	164	129	110	66.6	134	121	105	MAX
MIN	4.39	2.07	3.58	9.27	37.2	78.0	61.5	32.6	23.0	14.3	8.40	7.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.3
MAXIMUM DAILY, 164 ON JUN 22
MINIMUM DAILY, 2.07 ON FEB 15
MAXIMUM INSTANTANEOUS,
283 AT 06:41 PST ON OCT 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 10 N
LONG 127 56 40 W
DRAINAGE AREA, 583 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 900	JUL	257 000
FEB	7 830	AUG	172 000
MAR	23 100	SEP	98 800
APR	79 900	OCT	94 800
MAY	190 000	NOV	48 500
JUN	273 000	DEC	49 100

TOTAL DISCHARGE, 1 330 000 dam³

KEREMEOS CREEK BELOW WILLIS INTAKE - STATION NO. 08NL045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.215	0.177	0.145	0.196	0.841	4.58	2.08	0.675	0.459E	0.191	0.218	0.254	1
2	0.213	0.177	0.145	0.210	0.869	4.91	2.02	0.658	0.420	0.193	0.216	0.254	2
3	0.211	0.177	0.145	0.236	0.836	5.00	2.65	0.624	0.391	0.191	0.214	0.246	3
4	0.209	0.175	0.145	0.267	0.812	5.13	2.60	0.572	0.361	0.199	0.216	0.254	4
5	0.207	0.177	0.145	0.269	0.761	5.05	2.49	0.569	0.349	0.222	0.214	0.250	5
6	0.205	0.177	0.146	0.274	0.816	5.01	2.41	0.517	0.344	0.233	0.220	0.252	6
7	0.226	0.177	0.148	0.286	0.872	4.88	2.38	0.502	0.337	0.235	0.222	0.246	7
8	0.223	0.178	0.145	0.358	1.24	4.65	2.30	0.487	0.330	0.239	0.293	0.243	8
9	0.217	0.177	0.146	0.368	1.26	4.37	2.01	0.463	0.305	0.239	0.325	0.239	9
10	0.211	0.178	0.152	0.373	1.26	5.96	1.87	0.449	0.293	0.237	0.373	0.237	10
11	0.203	0.177	0.149	0.393	1.32	5.73	1.75	0.430	0.282	0.235	0.356	0.239	11
12	0.202	0.173	0.149	0.424	1.31	5.54	1.64	0.408	0.282	0.241	0.332	0.235	12
13	0.202	0.141	0.148	0.430	1.29	5.29	1.69	0.380	0.271	0.237	0.312	0.233	13
14	0.194	0.141	0.148	0.439	1.31	5.25	1.41	0.348	0.260	0.239	0.318	0.235	14
15	0.189	0.149	0.149	0.516	1.30	5.22	1.25	0.345	0.256	0.239	0.302	0.233	15
16	0.182	0.157	0.149	0.571	1.31	5.29	1.20	0.343	0.254	0.239	0.298	0.227	16
17	0.177	0.148B	0.148	0.625	1.32	5.49	1.13	0.345	0.250	0.237	0.273	0.220	17
18	0.172	0.153B	0.160	0.680	1.34	5.54	1.10	0.364	0.245	0.239	0.250	0.216	18
19	0.177	0.159B	0.164	0.699	1.33	6.12	1.07	0.366	0.241	0.237	0.250	0.210	19
20	0.175	0.166B	0.163	0.717	1.38	5.98	1.04	0.369	0.241	0.239	0.254	0.191	20
21	0.179	0.171	0.164	0.810	1.34	5.85	0.965	0.494	0.233	0.237	0.252	0.170B	21
22	0.180	0.162	0.164	0.854	1.37	5.72	0.924	0.546	0.220	0.237	0.254	0.178B	22
23	0.182	0.159	0.166	0.890	1.51	5.41	0.937	0.521	0.218	0.237	0.254	0.182B	23
24	0.182	0.156	0.167	0.915	1.67	5.17	0.946	0.521	0.208	0.239	0.258	0.189B	24
25	0.180	0.153	0.166	0.894	1.72	4.89	0.937	0.545	0.197	0.231	0.225B	0.191B	25
26	0.180	0.145	0.165	0.849	1.95	4.87	0.884	0.533	0.191	0.220	0.235B	0.198B	26
27	0.182	0.145	0.167	0.865	2.12	4.51	0.838	0.524	0.191	0.220	0.267	0.200B	27
28	0.180	0.145	0.170	0.857	2.28	4.04	0.794	0.434	0.191	0.218	0.256	0.165B	28
29	0.179		0.172	0.841	3.91	3.57	0.744	0.415	0.191	0.220	0.254	0.138B	29
30	0.177		0.176	0.825	4.35	3.16	0.686	0.536	0.191	0.218	0.250	0.145B	30
31	0.177		0.184		4.47		0.679	0.500		0.218		0.155B	31
TOTAL	5.988	4.570	4.850	16.933	49.467	152.18	47.024	14.783	8.202	7.056	7.981	6.625	TOTAL
MEAN	0.193	0.163	0.157	0.564	1.60	5.07	1.52	0.477	0.273	0.228	0.266	0.214	MEAN
MAX	0.226	0.178	0.184	0.915	4.47	6.12	2.88	0.675	0.459	0.241	0.373	0.254	MAX
MIN	0.172	0.141	0.145	0.196	0.761	3.16	0.679	0.343	0.191	0.191	0.214	0.138	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.892
MAXIMUM DAILY, 6.12 ON JUN 19
MINIMUM DAILY, 0.138B ON DEC 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 33 N
LONG 119 49 32 W
DRAINAGE AREA, 183 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	517	JUL	4 060
FEB	395	AUG	1 280
MAR	419	SEP	709
APR	1 460	OCT	610
MAY	4 270	NOV	690
JUN	13 100	DEC	572

TOTAL DISCHARGE, 28 100 dam³

KETTLE RIVER NEAR FERRY - STATION NO. 08NN013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.58	6.26	6.06	20.8	101	354	156	26.9	15.8	5.18	9.00	15.1	1
2	7.14	6.20	6.06	31.7	99.4	402	133	24.7	15.7	5.10	9.03	13.3	2
3	5.44	6.94	6.12	48.1	102	402	126	22.0	14.2	5.21	8.44	13.7	3
4	6.99	7.16	6.85	58.9	111	391	113	21.4	12.9	5.49	7.73	14.0	4
5	7.56	7.11	6.65	62.6	136	368	101	19.9	11.8	5.72	7.99	13.5	5
6	8.98	6.37	7.05	66.8	187	294	117	18.6	11.0	7.16	8.04	12.8	6
7	9.17	6.51	7.42	73.3	186	292	140	17.4	10.3	10.4	7.65	12.4	7
8	9.26	6.12	8.75	81.8	150	300	111	16.3	9.68	9.00	7.05	13.6	8
9	8.98	6.46	8.47	85.8	127	256	96.3	15.5	9.15	8.10	7.65	13.9	9
10	8.78	6.80	8.55	79.0	116	252	87.2	14.7	8.69	7.65	7.99	13.2	10
11	5.89	6.71	8.27	71.9	116	345	79.9	14.2	8.21	7.36	10.7	13.4	11
12	6.37	5.75	7.73	71.1	122	328	74.5	13.7	7.82	7.16	28.9	12.7	12
13	6.97	4.53	7.50	72.5	125	320	69.4	13.2	7.50	7.19	29.7	12.2	13
14	7.84	3.68B	7.42	72.8	126	311	63.1	12.6	7.31	7.05	28.9	11.3	14
15	9.00	3.96B	7.39	79.6	120	283	56.1	11.8	7.11	7.14	28.3	10.6	15
16	8.64	4.25B	7.62	87.2	114	266	50.4	11.1	7.02	7.16	25.1	9.51	16
17	7.42	4.53B	7.84	96.8	117	260	45.6	10.6	6.97	7.19	23.0	8.13	17
18	5.13	4.81B	8.35	106	120	245	41.6	10.6	7.02	7.33	21.3	4.25B	18
19	4.45	5.10B	9.37	114	125	227	37.9	11.7	7.53	7.19	19.2	3.40B	19
20	3.48	5.66	10.2	119	128	227	35.1	12.2	7.25	7.16	18.7	2.55B	20
21	3.99	5.97	11.2	134	131	226	32.3	12.5	6.88	7.25	17.9	2.55B	21
22	5.41	6.06	12.1	160	127	214	29.7	12.9	6.60	7.22	16.7	2.55B	22
23	5.80	6.14	12.3	181	169	212	29.2	12.3	6.37	7.19	16.8	2.83B	23
24	7.05	6.40	11.8	191	215	221	29.7	12.3	6.20	7.14	17.0	4.25B	24
25	8.01	6.57	11.1	174	239	222	30.6	12.3	6.09	7.11	18.3	5.66B	25
26	6.99	6.37	11.0	150	243	183	41.3	13.1	5.92	7.02	17.0	7.08B	26
27	5.80	6.12	11.5	130	228	165	53.5	13.8	5.78	7.05	13.8	8.21B	27
28	6.51	6.06	12.1	121	253	153	43.6	14.9	5.58	7.79	10.4	8.21B	28
29	7.39		12.7	114	276	145	36.0	14.7	5.47	8.10	15.0	7.08B	29
30	7.22		13.6	105	357	140	31.7	12.9	5.30	8.24	15.7	7.65B	30
31	6.51		15.5		340		29.2	12.3		8.64		7.65B	31
TOTAL	216.70	164.60	288.57	2 959.7	5 076.4	8 004	2 120.9	458.0	253.15	223.89	472.97	286.36	TOTAL
MEAN	6.99	5.88	9.31	98.7	164	267	68.4	14.8	8.44	7.22	15.8	9.24	MEAN
MAX	9.26	7.16	15.5	191	357	402	156	26.9	15.8	10.4	29.7	15.1	MAX
MIN	3.48	3.68	6.06	20.8	99.4	140	29.2	10.6	5.30	5.10	7.05	2.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.2
MAXIMUM DAILY, 402 ON JUN 02
MINIMUM DAILY, 2.55B ON DEC 20
MAXIMUM INSTANTANEOUS,
419 AT 23:00 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 53 N
LONG 118 45 55 W
DRAINAGE AREA, 5 750 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 700	JUL	183 000
FEB	14 200	AUG	39 600
MAR	24 900	SEP	21 900
APR	256 000	OCT	19 300
MAY	439 000	NOV	40 900
JUN	692 000	DEC	24 700

TOTAL DISCHARGE, 1 770 000 dam³

KETTLE RIVER NEAR GRAND FORKS - STATION NO. 08NN024

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	7.733	8.528	10.12	8.833	---	---	---	---	---	1
2	---	---	---	7.903	8.518	10.33	8.703	---	---	---	---	---	2
3	---	---	---	8.103	8.533	10.40	8.643	---	---	---	---	---	3
4	---	---	---	8.233	8.578	10.26	8.573	---	---	---	---	---	4
5	---	---	---	8.263	8.813	10.06	8.453	---	---	---	---	---	5
6	---	---	---	8.293	9.218	9.838	8.433	---	---	---	---	---	6
7	---	---	---	8.353	9.158	9.813	8.693	---	---	---	---	---	7
8	---	---	---	8.433	8.963	9.888	8.503	---	---	---	---	---	8
9	---	---	---	8.483	8.738	9.613	8.383	---	---	---	---	---	9
10	---	---	---	8.433	8.633	9.618	8.323	---	---	---	---	---	10
11	---	---	---	8.343	8.603	10.04	8.263	---	---	---	---	---	11
12	---	---	---	8.303	8.643	9.963	8.223	---	---	---	---	---	12
13	---	---	---	8.323	8.668	9.818	8.173	---	---	---	---	---	13
14	---	---	---	8.313	8.708	9.753	8.113	---	---	---	---	---	14
15	---	---	---	8.363	8.658	9.618	8.043	---	---	---	---	---	15
16	---	---	---	8.443	8.608	9.578	7.983	---	---	---	---	---	16
17	---	---	---	8.523	8.608	9.563	7.933	---	---	---	---	---	17
18	---	---	---	8.613	8.638	9.503	7.883	---	---	---	---	---	18
19	---	---	---	8.673	8.653	9.393	7.833	---	---	---	---	---	19
20	---	---	---	8.733	8.678	9.408	7.803	---	---	---	---	---	20
21	---	---	---	8.813	8.708	9.423	7.773	---	---	---	---	---	21
22	---	---	---	8.973	8.683	9.323	7.743	---	---	---	---	---	22
23	---	---	---	9.203	8.838	9.328	7.713	---	---	---	---	---	23
24	---	---	---	9.293	9.273	9.373	7.733	---	---	---	---	---	24
25	---	---	---	9.173	9.458	9.396	7.713	---	---	---	---	---	25
26	---	---	---	8.983	9.458	9.123	7.773	---	---	---	---	---	26
27	---	---	---	8.803	9.403	8.978	7.943	---	---	---	---	---	27
28	---	---	---	8.713	9.343	8.878	7.903	---	---	---	---	---	28
29	---		---	8.653	9.668	8.823	7.803	---	---	---	---	---	29
30	---		---	8.603	10.18	8.768	7.743	---	---	---	---	---	30
31	---		---		10.14		7.703	---	---	---	---	---	31
MEAN	---	---	---	8.536	8.945	9.601	8.107	---	---	---	---	---	MEAN
MAX	---	---	---	9.293	10.18	10.40	8.833	---	---	---	---	---	MAX
MIN	---	---	---	7.733	8.518	8.768	7.703	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 10.408 ON JUN 03

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 18 N
LONG 118 24 39 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA,
8 830 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 500.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KETTLE RIVER NEAR LAURIER - STATION NO. 08NN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5	13.6	12.1	51.0	195	566	254	49.0	21.9	8.95	14.0	27.5	1
2	15.6	12.3	12.2	74.5	191	617	237	45.6	24.7	8.75	14.3	26.5	2
3	13.1	13.6	12.5	105	191	648	215	42.5	24.7	8.86	14.3	24.9	3
4	13.0	14.2	12.7	125	200	629	201	39.9	22.7	9.06	13.6	24.9	4
5	13.8	14.3	13.5	130	232	617	179	37.1	21.2	9.17	13.2	24.9	5
6	14.6	14.0	13.5	136	309	524	176	35.1	19.9	9.54	13.1	24.1	6
7	16.6	13.3	14.1	147	345	484	214	32.8	18.9	10.8	13.4	22.9	7
8	17.6	12.3	15.1	163	281	518	191	30.6	18.1	13.8	12.9	23.5	8
9	17.6	13.1	17.2	172	238	462	166	28.9	17.4	13.1	12.4	23.9	9
10	17.0	13.1	17.6	163	215	430	151	27.7	16.2	12.2	12.7	23.9	10
11	15.8	13.7	17.7	148	205	524	140	26.7	15.2	11.6	15.0	24.1	11
12	13.5	11.4	17.7	143	211	547	131	25.7	14.3	11.2	26.6	23.7	12
13	13.5	11.3 B	17.9	145	215	501	124	24.9	13.3	11.1	41.3	22.9	13
14	14.8	8.50B	16.7	145	222	484	115	23.9	13.0	11.0	41.3	22.1	14
15	15.7	7.36B	16.7	152	217	456	103	22.9	12.7	11.0	42.2	21.2	15
16	16.4	8.50B	16.8	167	207	430	93.7	21.5	11.9	11.1	39.9	20.4	16
17	15.9	9.06B	17.2	181	205	433	85.5	20.6	11.6	11.2	36.5	20.1	17
18	12.5	9.34B	17.9	199	211	477	78.7	20.3	11.5	11.5	34.3	17.0 B	18
19	9.91B	9.91B	19.3	212	214	466	72.5	20.1	11.5	11.5	32.3	14.2 B	19
20	8.50B	10.5 B	22.3	222	218	391	66.8	21.4	11.6	11.2	30.3	5.66B	20
21	7.93B	10.8 B	25.6	240	223	396	62.0	22.5	11.5	11.4	29.4	5.10B	21
22	10.6	11.3 B	28.3	277	221	377	57.9	23.1	11.3	11.6	28.2	5.10B	22
23	11.8	11.9 B	29.4	328	243	371	54.7	22.4	11.1	11.5	27.5	5.66B	23
24	14.6	12.7	29.2	348	328	377	54.9	21.7	10.6	11.5	27.5	7.08B	24
25	14.4	13.2	28.3	326	385	385	54.1	21.5	10.1	11.4	29.2	9.91B	25
26	15.2	13.2	27.9	283	391	337	60.3	21.9	9.97	11.4	31.7	14.2 B	26
27	14.4	12.8	28.2	247	379	297	79.9	22.5	9.71	11.4	28.6	15.3 B	27
28	13.6	12.3	29.2	229	362	272	79.0	22.7	9.49	11.5	24.5	15.9 B	28
29	14.4		31.1	218	419	257	66.0	21.5	9.34	12.0	22.7	14.2 B	29
30	15.0		33.4	206	549	246	58.3	21.0	9.15	15.7	26.7	13.0 B	30
31	14.5		38.8		575		52.7	21.2		13.4		14.7 B	31
TOTAL	435.34	333.57	649.0	5 682.5	8 597	13 397	3 673.9	839.5	434.56	345.73	749.5	558.51	TOTAL
MEAN	14.0	11.9	20.9	189	277	447	119	27.1	14.5	11.2	25.0	18.0	MEAN
MAX	17.6	14.3	38.8	348	575	648	254	49.0	24.7	13.8	42.2	27.5	MAX
MIN	7.93	7.36	12.1	51.0	191	246	52.7	20.1	9.15	8.75	12.4	5.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.8
MAXIMUM DAILY, 648 ON JUN 03
MINIMUM DAILY, 5.10B ON DEC 21
MAXIMUM INSTANTANEOUS,
660 AT 13:00 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 04 N
LONG 118 12 55 W
DRAINAGE AREA, 9 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 600	JUL	317 000
FEB	28 800	AUG	72 500
MAR	56 100	SEP	37 500
APR	491 000	OCT	29 900
MAY	743 000	NOV	64 800
JUN	1 160 000	DEC	48 300

TOTAL DISCHARGE, 3 090 000 dam³

KETTLE RIVER NEAR WESTBRIDGE - STATION NO. 08NN026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	11.8	61.0	210	104	15.5	10.1	---	---	---	1
2	---	---	---	18.9	58.8	219	84.9	14.7	9.16E	---	---	---	2
3	---	---	---	29.2	64.1	214	85.1	13.4	8.25E	---	---	---	3
4	---	---	---	32.8	75.5	225	69.3	12.2	7.33E	---	---	---	4
5	---	---	---	35.1	102	196	62.9	11.9	6.50E	---	---	---	5
6	---	---	---	37.3	155	159	77.6	10.3	5.74	---	---	---	6
7	---	---	---	41.3	125	175	84.3	9.88	5.57	---	---	---	7
8	---	---	---	47.4	97.0	172	65.8	9.67	5.38E	---	---	---	8
9	---	---	---	48.5	83.8	146	56.7	9.31	5.22	---	---	---	9
10	---	---	---	43.7	77.9	159	53.0	8.61	4.88E	---	---	---	10
11	---	---	---	40.6	82.2	229	49.2	8.28E	4.53E	---	---	---	11
12	---	---	---	40.6	86.8	192	46.3	7.99	4.21	---	---	---	12
13	---	---	---	41.5	89.2	184	43.7	7.78	4.11E	---	---	---	13
14	---	---	---	41.8	85.1	177	38.9	7.18	4.01E	---	---	---	14
15	---	---	---	50.4	81.6	163	32.2	6.60	3.92E	---	---	---	15
16	---	---	---	53.4	76.4	159	29.2	6.42	3.82E	---	---	---	16
17	---	---	---	65.3	77.1	157	26.3	6.24	3.73	---	---	---	17
18	---	---	---	71.1	77.9	154	24.3	6.79	4.30	---	---	---	18
19	---	---	---	78.0	87.3	141	21.8	7.50	3.87	---	---	---	19
20	---	---	---	81.5	88.6	156	20.1	7.50	3.59	---	---	---	20
21	---	---	---	97.9	87.0	148	19.4	6.85	3.92	---	---	---	21
22	---	---	---	124	84.5	150	16.8	6.85	3.59E	---	---	---	22
23	---	---	---	133	140	149	17.5	7.04E	3.28	---	---	---	23
24	---	---	---	131	158	161	16.5	7.23E	3.26	---	---	---	24
25	---	---	---	116	161	152	18.0	7.43	3.20	---	---	---	25
26	---	---	---	96.2	163	119	25.8	7.33E	3.04	---	---	---	26
27	---	---	---	82.5	150	108	33.1	7.23	2.94E	---	---	---	27
28	---	---	---	76.0	151	97.0	24.8	6.62E	2.84	---	---	---	28
29	---	---	---	69.6	188	96.7	20.5	6.04	2.58	---	---	---	29
30	---	---	---	62.8	245	95.8	18.7	7.30E	2.33E	---	---	---	30
31	---		---		213		17.3	8.67E		---		---	31
TOTAL	---	---	---	1 899.2	3 472.8	4 863.5	1 306.0	266.34	139.20	---	---	---	TOTAL
MEAN	---	---	---	61.3	112	162	42.1	8.59	4.64	---	---	---	MEAN
MAX	---	---	---	133	245	229	104	15.5	10.1	---	---	---	MAX
MIN	---	---	---	11.8	58.8	95.8	16.5	6.04	2.33	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 245 ON MAY 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 13 48 N
LONG 118 55 39 W
DRAINAGE AREA, 2 150 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	113 000
FEB	---	AUG	23 000
MAR	---	SEP	12 000
APR	164 000	OCT	---
MAY	300 000	NOV	---
JUN	420 000	DEC	---

KICKING HORSE RIVER AT GOLDEN - STATION NO. 08NA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.00B	3.70B	7.00B	8.44	23.3	190	210	105	38.3	19.0	12.0	9.68	1
2	7.80B	4.32B	7.00B	9.37	22.5	179	182	98.5	33.3	17.3	10.9	9.08	2
3	7.60B	5.50B	7.00B	11.0	22.8	158	189	87.5	30.6	15.5	9.44	9.35	3
4	7.55B	6.86B	6.98B	10.9	24.8	157	167	79.5	30.4	16.7	9.81	12.7	4
5	7.52B	6.67B	7.10B	10.8	34.1	140	149	84.4	30.1	23.0	10.2	12.7	5
6	7.53B	6.62B	7.39B	11.4	56.7	118	180	90.4	31.0	18.1	8.71	11.6	6
7	7.60B	6.22B	7.32B	11.9	60.2	111	218	96.9	32.6	15.8	9.07	10.7	7
8	7.56B	5.96B	7.10B	12.1	51.4	105	199	88.7	34.5	14.8	11.2 A	10.3	8
9	7.34B	5.82B	6.79B	11.6	46.5	99.6	187	84.5	35.1	14.1	10.6	10.2	9
10	6.60B	6.10B	6.80B	9.95	43.6	111	186	85.8	35.4	14.7	9.31	10.2	10
11	5.60B	7.13B	6.80B	9.72	42.1	176	186	89.0	35.7	14.0	13.6	10.0	11
12	4.70B	7.10B	6.70B	9.99	42.6	170	202	91.1	35.9	13.3	19.4	8.56	12
13	5.25B	6.85B	6.45B	9.86	42.4	137	212	91.6	29.7	13.2	18.9	7.73	13
14	6.12B	5.33B	6.40B	9.72	43.1	121	202	92.1	29.0	12.9	20.3	7.10B	14
15	6.60B	4.82B	6.60B	10.1	41.5	123	164	91.4	31.6	12.4	17.0	6.71B	15
16	6.30B	4.80B	6.75B	11.2	40.3	137	154	84.2	36.1	12.3	15.3	6.63B	16
17	5.72B	5.32B	6.78B	12.8	41.2	163	147	77.6	34.0	11.9	14.7	6.79B	17
18	5.10B	5.64B	6.79B	14.7	42.6	186	126	76.0	28.7	11.6	13.9	6.53B	18
19	4.67B	5.93B	6.78B	16.6	44.6	174	113	69.6	25.6	11.9	13.6	6.32B	19
20	4.70B	6.40B	6.80B	19.5	46.1	167	106	67.9	24.1	11.5	13.4	6.00B	20
21	5.20B	7.80B	7.70	23.0	51.4	171	99.9	72.2	21.5	11.1	12.3	5.93B	21
22	5.90B	8.48B	6.58	24.9	53.3	191	98.7	82.4	22.2	11.5	12.3	6.03B	22
23	6.08B	8.40B	5.69	30.5	56.9	237	103	81.9	23.4	11.5	13.2	6.30B	23
24	6.00B	8.15B	6.39	36.9	70.6	259	112	60.2	26.1	10.9	16.9	6.61B	24
25	6 00B	8.00B	7.14	37.1	90.8	276	110	53.2	27.7	10.9	14.4	6.86B	25
26	5.50B	7.80B	6.56	33.5	108	264	109	54.8	27.8	12.8	11.3	6.80B	26
27	5.27B	7.30B	6.57	30.5	115	254	113	60.4	24.4	12.4	9.60	6.30B	27
28	5.52B	7.08B	6.79	28.3	125	232	110	65.8	22.8	12.2	11.2	5.71B	28
29	5.87B		6.77	25.3	134	204	104	64.9	21.0	12.5	12.7	5.87B	29
30	6.20B		7.01	23.5	195	199	105	57.6	20.5	12.1	12.0	6.50B	30
31	3.70B		7.85		220		107	49.6A		12.2		6.88B	31
TOTAL	189.10	180.10	212.38	525.15	2 032.4	5 209.6	4 650.6	2 434.7	879.1	424.1	387.24	248.67	TOTAL
MEAN	6.10	6.43	6.85	17.5	65.6	174	150	78.5	29.3	13.7	12.9	8.02	MEAN
MAX	8.00	8.48	7.85	37.1	220	276	218	105	38.3	21.0	20.3	12.7	MAX
MIN	3.70	3.70	5.69	8.44	22.5	99.6	98.7	49.6	20.5	10.9	8.71	5.71	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.6
MAXIMUM DAILY, 276 ON JUN 25
MINIMUM DAILY, 3.70B ON JAN 31
MAXIMUM INSTANTANEOUS,
285 AT 13:45 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 54 N
LONG 116 56 40 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 300	JUL	402 000
FEB	15 600	AUG	210 000
MAR	18 300	SEP	76 000
APR	45 400	OCT	36 600
MAY	176 000	NOV	33 500
JUN	450 000	DEC	21 500

TOTAL DISCHARGE, 1 500 000 dam³

KILMARNOCK CREEK NEAR THE MOUTH - STATION NO. 08NK029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.193E	0.424E	8.30	2.42	0.911	0.288	0.122	---	---	1
2	---	---	---	0.202A	0.412E	7.00	2.16	0.816	0.268	0.121A	---	---	2
3	---	---	---	0.225	0.420E	5.93	1.94	0.772	0.261	---	---	---	3
4	---	---	---	0.264	0.486E	5.15	1.71	0.749	0.267	---	---	---	4
5	---	---	---	0.265	0.750E	4.26	1.58	0.711	0.252	---	---	---	5
6	---	---	---	0.261	1.41 E	3.39	1.45	0.653	0.241	---	---	---	6
7	---	---	---	0.278	1.33 E	3.39	1.40	0.609	0.233	---	---	---	7
8	---	---	---	0.284	1.13 E	3.48	1.32	0.567	0.209	---	---	---	8
9	---	---	---	0.302	0.972E	3.58	1.25	0.532	0.206	---	---	---	9
10	---	---	---	0.264A	0.876E	4.20	1.17	0.503	0.213	---	---	---	10
11	---	---	---	0.238E	0.823E	4.77	1.13	0.526	0.196	---	---	---	11
12	---	---	---	0.227E	0.782E	4.14	1.06	0.475	0.199	---	---	---	12
13	---	---	---	0.213E	0.756E	3.68	1.01	0.425	0.203	---	---	---	13
14	---	---	---	0.210E	0.706E	3.28	0.982	0.377	0.183	---	---	---	14
15	---	---	---	0.210E	0.648E	3.09	0.909	0.377	0.170	---	---	---	15
16	---	---	---	0.222E	0.619E	3.16	0.852	0.364	0.170	---	---	---	16
17	---	---	---	0.248E	0.636E	3.41	0.791	0.359	0.170	---	---	---	17
18	---	---	---	0.300E	0.698E	4.09	0.761	0.343	0.176	---	---	---	18
19	---	---	---	0.380E	0.715E	4.16	0.823	0.337	0.168	---	---	---	19
20	---	---	---	0.440E	0.749E	4.10	0.793	0.323	0.159	---	---	---	20
21	---	---	---	0.600E	0.790E	4.02	0.729	0.312	0.156	---	---	---	21
22	---	---	---	0.790E	0.821E	4.14	0.701	0.306	0.153	---	---	---	22
23	---	---	---	0.782E	1.56 A	4.34	0.686	0.301	0.151	---	---	---	23
24	---	---	---	0.760E	2.75	4.41	0.749	0.288	0.149	---	---	---	24
25	---	---	---	0.740E	5.54	4.15	1.10	0.292	0.147	---	---	---	25
26	---	---	---	0.670E	4.77	3.79	1.69	0.300	0.141	---	---	---	26
27	---	---	---	0.615E	4.19	3.43	1.68	0.329	0.137	---	---	---	27
28	---	---	---	0.560E	4.53	3.03	1.54	0.293	0.131	---	---	---	28
29	---	---	---	0.498E	10.2	2.72	1.37	0.313	0.129	---	---	---	29
30	---		---	0.442E	11.6	2.58	1.16	0.318	0.125	---	---	---	30
31	---		---		8.64		1.02	0.307		---		---	31
TOTAL	---	---	---	11.683	70.733	123.17	37.936	14.088	5.651	---	---	---	TOTAL
MEAN	---	---	---	0.389	2.28	4.11	1.22	0.455	0.188	---	---	---	MEAN
MAX	---	---	---	0.790	11.6	8.30	2.42	0.911	0.288	---	---	---	MAX
MIN	---	---	---	0.193	0.412	2.58	0.686	0.288	0.125	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11.6 ON MAY 30

MAXIMUM INSTANTANEOUS,
13.5 AT 20:11 MST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 08 N
LONG 114 51 39 W
DRAINAGE AREA, 43 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 280
FEB	---	AUG	1 220
MAR	---	SEP	488
APR	1 010	OCT	---
MAY	6 110	NOV	---
JUN	10 600	DEC	---

KINBASKET LAKE AT MICA DAM - STATION NO. 08ND017

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	739.890	735.900	732.221	728.780	729.280	734.330	745.989	753.191	753.630	752.880	751.201	750.732	1
2	739.719	735.781	732.041	728.762	729.359	734.730	746.449E	753.211	753.560	752.801	751.088	750.680	2
3	739.579	735.769	731.861	728.771	729.332	735.111	746.800	753.241	753.481	752.740	751.119	750.591	3
4	739.469	735.751	731.682	728.749	729.301	735.479	747.101	753.261	753.420	752.749	751.039	750.601	4
5	739.350	735.641	731.499	728.731	729.365	735.799	747.370	753.310	753.332	752.740	750.960	750.610	5
6	739.302	735.531	731.340	728.719	729.551	736.089	747.821	753.371	753.392	752.701	750.841	750.549	6
7	739.280	735.409	731.169	728.701	729.661	736.369	748.220	753.411	753.170	752.649	750.741	750.509	7
8	739.180	735.290	730.999	728.649	729.780	736.650	748.659	753.429	753.100	752.600	750.671	750.451	8
9	739.100	735.190	730.849	728.579	729.841	736.930	749.009	753.481	753.021	752.560	750.631	750.430	9
10	738.960	735.172	730.721	728.530	729.911	737.229	749.369	753.520	752.999	752.481	750.661	750.341	10
11	738.771	735.199	730.590	728.481	729.990	737.631	749.701	753.569	752.999	752.390	750.732	750.241	11
12	738.619	735.059	730.429	728.429	730.139	737.951	750.101	753.630	753.011	752.301	750.820	750.162	12
13	738.530	734.909	730.261	728.460	730.279	738.250	750.460	753.679	752.990	752.231	750.841	750.009	13
14	738.509	734.669	730.100	728.399	730.420	738.530	750.750	753.740	752.990	752.131	750.869	749.869	14
15	738.421	734.419	729.929	728.399	730.490	738.820	750.991	753.801	753.039	752.030	750.860	749.750	15
16	738.320	734.169	729.780	728.371	730.590	739.161	751.250	753.850	753.158	751.939	750.869	749.610	16
17	738.171	733.931	729.639	728.381	730.904	739.530	751.439	753.871	753.170	751.859	750.899	749.470	17
18	738.009	733.760	729.490	728.350	730.779	739.939	751.591	753.871	753.170	751.789	750.890	749.351	18
19	737.829	733.571	729.341	728.411	730.941	740.341	751.710	753.871	753.130	751.701	750.820	749.159	19
20	737.689	733.379	729.271	728.521	731.112	740.731	751.820	753.880	753.109	751.622	750.789	748.939	20
21	737.659	733.209	729.249	728.600	731.291	741.140	751.929	753.920	753.091	751.701	750.732	748.729	21
22	737.531	733.020	729.191	728.710	731.429	741.600	752.030	753.999	753.109	751.530	750.750	748.531	22
23	737.381	732.892	729.140	728.740	731.581	742.139	752.179	754.060	753.149	751.451	750.841	748.330	23
24	737.241	732.831	729.130	728.880	731.749	742.691	752.310	754.011	753.161	751.390	750.869	748.129	24
25	737.080	732.800	729.149	729.012	731.932	743.249E	752.451	753.950	753.161	751.369	750.911	748.010	25
26	736.921	732.639	729.109	729.100	732.221	743.721	752.600	753.880	753.091	751.237	750.899	747.919	26
27	736.760	732.511	729.051	729.200	732.431	744.191	752.761	753.801	753.030	751.320	750.911	747.799	27
28	736.699	732.361	728.981	729.280	732.690	744.660	752.880	753.761	752.960	751.350	750.850	747.601	28
29	736.531		728.890	729.371	732.980	745.090	752.960	753.691	752.920	751.317E	750.841	747.440	29
30	736.356		728.850	729.380	733.449	745.510	753.059	753.709	752.911	751.280	750.780	747.181	30
31	736.129		728.789		733.910		753.130	753.670		751.231		747.019	31
MEAN	738.160	734.313	730.088	728.715	730.861	739.453	750.480	753.667	753.148	752.002	750.858	749.315	MEAN
MAX	739.890	735.900	732.221	729.380	733.910	745.510	753.130	754.060	753.630	752.880	751.201	750.732	MAX
MIN	736.129	732.361	728.789	728.350	729.280	734.330	745.989	753.191	752.911	751.231	750.631	747.019	MIN

WATER LEVELS IN METRES

MEAN, 742.651
MAXIMUM DAILY, 754.060 ON AUG 23
MINIMUM DAILY, 728.350 ON APR 18

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 41 N
LONG 118 33 42 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KINBASKET LAKE BELOW GARRETT CREEK - STATION NO. 08NB017

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	739.707	735.941	---	---	---	733.797	745.381	752.730	753.366	---	---	750.491	1
2	739.599	735.916	---	---	---	734.216	745.845	752.802	753.318	752.620A	---	750.461	2
3	739.425	735.873	---	---	---	734.613	746.269	752.834	753.253	---	---	750.375	3
4	739.306	735.829	---	---	---	735.000	746.613	752.863	753.156	---	---	750.336	4
5	739.171	735.720	---	728.539A	---	735.367	746.874	752.893	753.090	---	---	750.317	5
6	739.075	735.554	---	---	---	735.703	747.192	752.929	753.014	---	---	750.258	6
7	739.036	735.304	---	---	---	735.980	747.615	752.988	752.934	---	750.552	750.204	7
8	738.986	735.169	---	---	729.494A	736.255	748.053	753.043	752.868	---	---	750.152	8
9	738.895	735.090	---	---	---	736.525	748.470	753.092	752.801	---	---	750.126	9
10	738.797	735.110	---	---	---	736.799	748.801	753.131	752.740	---	---	750.068	10
11	738.667A	735.099	---	---	---	737.115	749.154	753.143	752.725	---	---	749.990	11
12	738.594	734.971	---	---	---	737.519	749.505	753.206	752.737	---	---	749.886	12
13	738.639	734.693	---	---	---	737.847	749.895	753.290	752.732	---	---	749.741	13
14	738.690	734.445	---	---	---	738.108	750.217	753.363	752.715	---	---	749.589	14
15	738.628	734.398	---	---	---	738.377	750.444	753.421	752.735	---	---	749.492	15
16	738.433	734.307	---	---	---	738.722	750.718	753.486	752.790	---	---	749.387	16
17	738.168	734.062	---	---	730.426A	739.076	750.959	753.543	752.868	---	---	749.240	17
18	737.915	733.854	---	---	730.416A	739.430	751.225	753.560	752.893	---	---	749.144	18
19	737.834	---	---	---	730.548	739.800	751.548	753.564	752.901	---	---	749.252A	19
20	737.819	---	---	---	730.671	740.114A	751.367	753.579	752.880	---	---	749.019A	20
21	737.836	---	---	---	730.852	---	751.468	753.592	752.860A	---	750.540	748.827A	21
22	737.789	---	---	---	731.034	---	751.566	753.653	---	---	750.490	748.630A	22
23	737.632	---	---	---	731.200	---	751.698	753.741	---	---	750.559	748.420A	23
24	737.351	---	---	---	731.338	---	751.823	753.744	---	---	750.623	748.230A	24
25	737.346	---	---	---	731.541	---	751.961	753.695	---	---	750.663	748.051A	25
26	737.044	---	---	---	731.711	743.205A	752.101	753.644	---	---	750.652	747.986A	26
27	736.853	---	---	---	732.005	743.676	752.259	753.575	---	---	750.647	747.911A	27
28	736.749	---	---	---	732.234	744.126	752.407	753.505	---	---	750.621	747.728A	28
29	736.629		---	---	732.495	744.559	752.508	753.438	---	---	750.593	747.488A	29
30	736.392		---	---	732.837	744.976	752.574	753.383	---	---	750.563	747.267A	30
31	736.104		---		733.309		752.663	753.394		---		747.105A	31
MEAN	738.165	---	---	---	---	---	749.960	753.317	---	---	---	749.199	MEAN
MAX	739.707	---	---	---	---	---	752.663	753.744	---	---	---	750.491	MAX
MIN	736.104	---	---	---	---	---	745.381	752.730	---	---	---	747.105	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 753.744 ON AUG 24

MAXIMUM INSTANTANEOUS,
753.762 AT 01:21 MST ON AUG 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 00 N
LONG 117 53 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

KIRBYVILLE CREEK NEAR THE MOUTH - STATION NO. 08ND019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47 E	0.750B	0.700B	1.29	4.27	17.4	23.8	12.2 A	7.65	4.35	3.32	2.69	1
2	1.43 E	0.800B	0.700B	1.71	4.67	18.7	24.0	10.8	6.67	4.35	3.04	2.58	2
3	1.27 E	0.900B	0.701B	2.07A	5.10	17.4	27.0	9.66	6.21	4.28	2.89	2.71	3
4	1.29 E	1.05 B	0.730B	1.91	6.54	16.3	27.0	9.09	6.03	9.34	2.81	2.63	4
5	1.31 E	1.04 B	0.760B	1.83	9.18	13.9	20.2	9.28	6.11	7.05	2.58	2.47	5
6	1.32 E	1.03 B	0.840B	1.83	10.9	12.8	26.4	9.44	6.23	5.19	2.35	2.40	6
7	1.32 E	0.960B	0.960B	1.90	8.13	13.1	26.9	8.96	6.52	4.78	2.27	2.32	7
8	1.34 E	0.830B	0.940B	1.89	6.82	13.5	23.7	8.44	6.20	4.59	2.19	2.25	8
9	1.36 E	0.900B	0.900B	1.95	6.27	13.4	23.0	8.27	5.98	4.84	2.18	2.26	9
10	1.39 A	0.950B	0.910B	1.88	6.05	16.2	24.0E	8.36	5.78	4.95	2.36	2.28	10
11	1.30 B	1.00 B	0.920B	1.88	6.57	17.1	25.0E	8.32	5.75	4.49	10.7	2.10 B	11
12	1.12 B	0.800B	0.882B	1.77	6.85	14.5	28.5E	8.27	5.58	4.59	12.7	2.00 B	12
13	1.15 B	0.667B	0.898B	1.71	6.79	12.4	28.0E	8.26	5.41	4.66	9.97	1.90 B	13
14	1.20	0.670B	0.757	1.94	6.93	12.5	26.0E	8.78	5.36	4.41	7.34	2.04	14
15	1.29	0.690B	0.762	2.29	7.03	14.3	23.0E	7.89	5.38	4.23	6.01	2.04	15
16	1.15	0.680B	0.748	2.57	7.51	17.5	18.3E	7.60	6.15	4.15	5.50	2.04 B	16
17	1.12 B	0.660B	0.790	2.86	8.07	18.4	17.5E	7.54	6.09	4.14	5.21	1.90 B	17
18	1.05 B	0.640B	0.826	3.40	8.24	21.5	17.0E	7.02	5.51	4.05	4.68	1.70 B	18
19	1.00 B	0.700B	0.900	4.16	8.55	23.6	15.0E	6.99	5.26	4.06	4.43	1.30 B	19
20	0.980B	0.800B	1.03	7.08	8.51	24.4	13.5E	7.06	5.16	3.98	4.26	1.20 B	20
21	1.00 B	0.900B	0.991	7.48	8.76	22.6	12.5E	7.98	5.19	3.87	4.03	0.650B	21
22	1.07 B	1.00	0.936	7.01	8.81	26.0E	12.2E	10.2	5.27	3.84	3.89	0.700B	22
23	1.16 B	0.976	0.911	6.83	10.4	28.5E	12.7E	8.70	5.42	3.90	4.30	0.740B	23
24	1.24	0.955	0.996	8.51	12.4	28.5E	13.0E	6.84	5.27	3.93	4.29	0.800B	24
25	1.24	0.971	0.938	7.26	14.4	26.0E	13.2E	6.44	5.18	4.10	3.75	0.860B	25
26	1.22	0.889	0.827	6.00	13.1	24.0E	13.2E	6.27	4.69	4.34	3.46	0.950B	26
27	1.22	0.845B	0.860	5.21	12.1	22.0E	14.0E	5.90	4.48	3.86	3.15	0.880B	27
28	1.20	0.780B	0.849	4.70	13.8	20.6A	16.0E	5.93	4.41	3.80	2.95	0.800B	28
29	1.06 B		0.868	4.37	17.0	23.3	14.0E	6.09	4.27	3.78	3.01	0.650B	29
30	0.980B		0.898	4.16	17.8	24.3	13.0E	12.2	4.25	3.72	2.75	0.700B	30
31	0.900B		1.17		16.2		12.5E	11.2		3.53		0.760B	31
TOTAL	37.150	23.833	26.898	109.45	287.35	576.7	599.1	259.98	167.16	139.15	132.37	51.300	TOTAL
MEAN	1.20	0.851	0.868	3.65	9.27	19.2	19.3	8.39	5.57	4.49	4.41	1.65	MEAN
MAX	1.47	1.05	1.17	8.51	17.8	28.5	28.5	12.2	7.65	9.34	12.7	2.71	MAX
MIN	0.900	0.640	0.700	1.29	4.27	12.4	12.2	5.90	4.25	3.53	2.18	0.650	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 6.60
MAXIMUM DAILY, 28.5E ON JUN 23
MINIMUM DAILY, 0.640B ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 22 N
LONG 118 40 14 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 210	JUL	51 800
FEB	2 060	AUG	22 500
MAR	2 320	SEP	14 400
APR	9 460	OCT	12 000
MAY	24 800	NOV	11 400
JUN	49 800	DEC	4 430

TOTAL DISCHARGE, 208 000 dam³

KISKATINAW RIVER NEAR FARMINGTON - STATION NO. 07FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.920B	0.360B	1.20B	8.70B	20.8	53.4	9.42	2.36	1.77	0.631	1.70 B	0.800B	1
2	0.820B	0.380B	1.30B	11.4 B	20.4	58.6	9.44	2.14	1.67	0.647	1.60 B	0.900B	2
3	0.680B	0.440B	1.39B	14.0 B	19.9	49.5	10.1	1.93	1.65	0.669	1.50 B	1.00 B	3
4	0.550B	0.500B	1.48B	15.5 B	19.3	44.3	13.6	1.80	1.69	0.642	1.40 B	1.30 B	4
5	0.550B	0.540B	1.54B	15.5 B	19.9	60.8	32.4	1.77	1.77	0.593	1.35 B	1.50 B	5
6	0.560B	0.590B	1.58B	14.0 B	18.8	79.5	34.2	1.69	1.91	0.587	1.38 B	1.65 B	6
7	0.640B	0.600B	1.58B	12.5 B	19.4	63.2	28.8	1.60	1.74	0.647	1.36 B	1.65 B	7
8	0.680B	0.610B	1.58B	11.2 B	19.5	48.8	24.7	1.58	1.67	0.689	1.30 B	1.65 B	8
9	0.689B	0.600B	1.58B	10.3 B	19.1	39.2	21.7	1.41	1.62	0.963	1.12 B	1.65 B	9
10	0.680B	0.590B	1.54B	9.40B	19.6	32.4	22.1	1.36	1.48	1.29	0.950B	1.65 B	10
11	0.670B	0.580B	1.54B	9.20B	19.7	43.9	26.6	1.32	1.39	1.34	0.920B	1.62 B	11
12	0.600B	0.560B	1.56B	8.70B	21.2	419	25.0	1.26	1.26	1.42	0.900B	1.60 B	12
13	0.560B	0.520B	1.58B	8.30B	26.6	559	20.6	1.98	1.24	1.45	0.920B	1.50 B	13
14	0.540B	0.520B	1.60B	8.00B	32.7	574	16.7	1.78	1.20	1.55	1.02 B	1.40 B	14
15	0.460B	0.520B	1.70B	7.70B	35.8	298	14.2	1.64	1.09	1.60	1.03 B	1.30 B	15
16	0.440B	0.540B	1.78B	8.00B	34.2	178	12.8	1.63	1.05	1.69	1.04 B	1.26 B	16
17	0.420B	0.560B	1.84B	9.40B	30.5	116	10.8	1.65	1.04	1.68	1.03 B	1.20 B	17
18	0.480B	0.580B	1.94B	13.3	30.2	82.0	9.03	1.59	1.00	1.70	1.01 B	1.18 B	18
19	0.620B	0.600B	2.01B	17.7	29.4	62.2	8.56	1.54	0.942	1.70	0.980B	1.18 B	19
20	0.680B	0.620B	2.00B	20.7	30.1	48.7	7.74	1.48	0.926	1.65	0.900B	1.19 B	20
21	0.700B	0.640B	1.95B	23.1	32.7	40.3	7.30	1.55	0.887	1.57	0.800B	1.20 B	21
22	0.700B	0.670B	1.80B	24.7	31.7	34.2	6.55	1.51	0.832	1.47	0.640B	1.19 B	22
23	0.680B	0.720B	1.65B	24.4	28.2	28.9	5.83	1.57	0.860	1.45	0.500B	1.18 B	23
24	0.640B	0.790B	1.63B	25.8	25.5	24.7	5.10	1.67	0.833	1.38	0.420B	1.18 B	24
25	0.630B	0.830B	1.70B	36.5	24.3	20.5	4.53	1.67	0.844	1.36	0.400B	1.17 B	25
26	0.600B	0.900B	2.00B	48.8	47.9	17.5	3.98	1.69	0.765	1.41	0.420B	1.18 B	26
27	0.580B	1.00 B	2.50B	44.7	78.7	15.4	3.62	1.66	0.701	1.39	0.440B	1.20 B	27
28	0.520B	1.10 B	3.30B	36.0	73.7	13.2	3.33	1.65	0.700	1.50	0.580B	1.23 B	28
29	0.480B		4.20B	28.5	61.9	11.8	3.04	1.70	0.718	1.59	0.620B	1.30 B	29
30	0.400B		5.20B	23.4	50.8	10.5	2.80	1.70	0.627	1.60	0.650B	1.30 B	30
31	0.380B		6.40B		43.5		2.58	1.77		1.75		1.32 B	31
TOTAL	18.549	17.460	64.65	548.60	985.7	3 127.5	407.15	51.61	35.875	39.608	28.880	40.630	TOTAL
MEAN	0.598	0.624	2.09	18.3	31.8	104	13.1	1.66	1.20	1.28	0.963	1.31	MEAN
MAX	0.920	1.10	6.40	48.8	78.7	574	34.2	2.36	1.91	1.75	1.70	1.65	MAX
MIN	0.380	0.360	1.20	7.70	18.8	10.5	2.58	1.26	0.627	0.587	0.400	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 574 ON JUN 14
MINIMUM DAILY, 0.360B ON FEB 01
MAXIMUM INSTANTANEOUS
616 AT 09:26 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 25 N
LONG 120 33 45 W
DRAINAGE AREA, 3 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 600	JUL	35 200
FEB	1 510	AUG	4 460
MAR	5 590	SEP	3 100
APR	47 400	OCT	5 420
MAY	85 200	NOV	2 500
JUN	270 000	DEC	3 510

TOTAL DISCHARGE, 463 000 dam³

KISPIOX RIVER NEAR HAZELTON - STATION NO. 08EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.1	9.25B	10.5B	40.4	67.4	341	153	35.0	62.6	20.0	21.6	10.2 B	1
2	44.5	9.30B	10.6B	45.6	69.6	266	138	24.7	35.9	21.9	19.7	10.3 B	2
3	35.2	9.40B	10.6B	53.6	77.7	218	114	19.0	30.4	21.4	20.1	11.5 B	3
4	38.1	9.55B	10.6B	53.3	102	334	111	18.9	25.6	22.2	21.6	14.0 B	4
5	36.0	9.65B	10.6B	51.1	108	236	103	20.2	20.0	18.4	16.8	16.5 B	5
6	35.7	9.75B	10.6B	52.3	202	160	100	20.5	27.0	16.4	13.6	17.0 B	6
7	36.6	9.80B	10.6B	50.4	155	160	103	23.3	21.9	14.2	15.7	15.2 B	7
8	32.8	9.80B	10.5B	47.0	120	166	109	23.3	20.8	17.1	15.6	15.3 B	8
9	31.6	9.75B	10.5B	43.7	106	167	105	22.8	18.9	55.2	15.5	15.0 B	9
10	29.4	9.70B	10.4B	41.0	114	152	94.1	26.4	16.6	36.0	14.7	13.8 B	10
11	28.2	9.60B	10.4B	36.0	117	167	98.9	24.0	15.2	27.9	13.8	13.0 B	11
12	26.6	9.45B	10.4B	36.6	113	168	80.7	22.8	13.5	24.6	10.5	12.2 B	12
13	25.0 B	9.20B	10.5B	39.9	104	145	73.8	25.0	13.3	25.0	10.1 B	11.8 B	13
14	22.0 B	9.10B	10.6B	47.7	103	194	63.4	46.8	12.4	22.7	10.1 B	11.5 B	14
15	18.0 B	9.00B	10.7B	64.9	115	205	55.8	35.5	12.1	20.1	10.4 B	11.3 B	15
16	15.5 B	9.00B	10.8B	73.2	131	160	56.0	43.3	12.0	19.2	10.4 B	11.0 B	16
17	13.8 B	9.05B	10.9B	80.4	134	120	50.8	28.5	12.1	18.1	10.3 B	10.8 B	17
18	12.8 B	9.10B	11.0B	92.5	139	103	43.5	24.6	11.1	17.7	10.2 B	10.3 B	18
19	12.2 B	9.15B	11.2B	100	113	104	47.3	21.8	10.1	16.6	10.2 B	9.70B	19
20	11.8 B	9.30B	11.4B	109	99.5	106	47.1	19.7	13.2	15.0	10.1 B	9.65B	20
21	11.5 B	9.40B	11.7B	100	121	130	48.3	22.2	12.8	16.8	10.1 B	9.60B	21
22	11.3 B	9.60B	12.0B	100	106	174	50.6	19.3	17.2	17.1	10.0 B	10.0 B	22
23	11.0 B	9.70B	12.5B	94.1	112	169	52.5	17.4	15.9	17.6	9.60B	11.5 B	23
24	10.6 B	9.95B	13.3B	81.8	107	108	51.9	15.0	16.0	24.0	9.50B	14.0 B	24
25	10.4 B	10.1 B	14.5B	73.8	101	87.8	51.5	13.6	18.5	48.7	9.70B	16.0 B	25
26	10.2 B	10.2 B	16.2B	71.5	104	90.3	47.7	12.4	16.7	35.2	9.95B	16.2 B	26
27	9.95B	10.3 B	18.5B	71.0	138	93.1	36.9	11.5	13.3	31.3	10.1 B	14.8 B	27
28	9.70B	10.4 B	22.3	67.3	238	88.2	32.7	11.6	11.9	31.0	10.1 B	14.5 B	28
29	9.40B		26.4	64.7	292	100	30.3	13.0	25.4	26.7	10.1 B	14.5 B	29
30	9.30B		41.1	65.4	261	111	25.5	20.9	20.0	24.3	10.1 B	14.6 B	30
31	9.20B		41.0		227		35.0	46.6		22.9		14.4 B	31
TOTAL	669.45	267.55	443.1	1 948.2	4 097.2	4 823.4	2 210.3	728.9	580.4	745.3	380.25	400.15	TOTAL
MEAN	21.6	9.56	14.3	64.9	132	161	71.3	23.5	19.3	24.0	12.7	12.9	MEAN
MAX	51.1	10.4	41.1	109	292	341	153	46.8	62.6	55.2	21.6	17.0	MAX
MIN	9.20	9.00	10.4	36.0	67.4	87.8	25.5	11.5	11.1	14.2	9.50	9.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.4
MAXIMUM DAILY, 341 ON JUN 01
MINIMUM DAILY, 9.00B ON FEB 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 26 01 N
LONG 127 42 51 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 800	JUL	191 000
FEB	23 100	AUG	63 000
MAR	38 300	SEP	50 100
APR	168 000	OCT	64 400
MAY	354 000	NOV	32 900
JUN	417 000	DEC	34 600

TOTAL DISCHARGE, 1 490 000 dam³

KITIMAT RIVER BELOW HIRSCH CREEK - STATION NO. 08FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	121	27.3B	39.8	148	112	260	291	115	59.2	89.4	75.9	54.8	1
2	84.0	26.9B	41.3	148	128	258	228	81.3	47.9	86.2	65.1	51.5	2
3	72.5	26.5B	42.5	120	178	325	173	85.5	41.6	59.4	82.2	90.0B	3
4	66.0	26.2B	45.3	102	240	274	174	107	40.2	47.4	109	101 B	4
5	146	26.0B	58.8	93.9	284	204	203	100	48.4	39.2	85.1	128	5
6	258	26.0B	84.6	91.0	253	176	215	115	47.7	34.0	75.2	428	6
7	198	26.1B	65.8	90.2	162	199	214	97.3	49.0	39.4	111	1 090	7
8	203	26.3B	52.6	92.5	133	195	195	86.8	50.1	171	100	759	8
9	135	28.0B	46.2	80.5	140	189	177	102	46.9	284	75.9	308	9
10	89.3	34.0B	42.3	70.0	168	188	179	118	44.0	116	64.1	190	10
11	66.3	35.9B	40.9	64.9	186	197	178	139	40.8	75.3	57.0	141	11
12	55.9	35.5B	47.8	68.0	193	202	168	146	44.2	109	500	114	12
13	48.6	35.1B	55.4	86.0	179	198	150	144	44.0	99.6	358	102	13
14	43.4	34.9B	83.3	114	186	256	120	108	42.9	68.0	184	97.2	14
15	44.5	34.4B	77.3	132	199	281	123	95.1	51.1	52.6	157	81.6	15
16	37.3	34.0B	98.2	160	167	217	131	86.7	53.5	45.7	279	76.3	16
17	31.9	33.0B	90.2	209	152	175	108	81.3	46.3	43.8	165	92.9	17
18	32.5	32.0B	96.0	189	153	175	95.8	79.9	44.2	81.6	124	82.6	18
19	30.9	31.5B	125	177	155	214	114	82.2	44.8	62.5	127	70.0B	19
20	39.7	44.0B	133	176	171	278	132	82.7	37.1	51.2	96.3	59.0B	20
21	67.6	41.5B	132	156	303	292	139	90.3	48.4	89.7	82.0	51.0B	21
22	77.7	38.3B	98.3	141	213	313	143	83.3	50.4	75.4	76.3	46.0B	22
23	51.7	37.5B	75.0	119	169	243	150	65.5	55.8	170	66.9	42.0B	23
24	41.9	37.0B	63.7	107	167	175	153	57.7	60.8	689	58.0	38.5B	24
25	42.9	37.0B	57.6	99.2	184	166	155	50.1	63.6	213	53.1	38.0B	25
26	36.1	37.0B	53.8	101	206	189	137	45.7	45.6	146	56.9	40.0B	26
27	32.3	37.3B	56.3	102	277	175	105	45.0	36.2	285	60.1	32.0B	27
28	29.6	38.0B	64.6	90.5	386	198	94.8	45.4	81.9	165	68.2	26.5B	28
29	28.9B		88.7	86.3	330	197	105	50.5	86.1	112	72.1	21.5B	29
30	28.0B		113	96.0	281	268	130	55.2	76.4	111	60.0	17.0B	30
31	27.8B		115		267		141	63.5		101		16.2B	31
TOTAL	2 268.3	927.2	2 278.3	3 510.0	6 322	6 677	4 821.6	2 705.0	1 529.1	3 812.4	3 544.4	4 485.6	TOTAL
MEAN	73.2	33.1	73.5	117	204	223	156	87.3	51.0	123	118	145	MEAN
MAX	258	44.0	133	209	386	325	291	146	86.1	689	500	1 090	MAX
MIN	27.8	26.0	39.8	64.9	112	166	94.8	45.0	36.2	34.0	53.1	16.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 117
MAXIMUM DAILY, 1 090 ON DEC 07
MINIMUM DAILY, 16.2B ON DEC 31
MAXIMUM INSTANTANEOUS,
1 340 AT 16:32 PST ON DEC 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 03 34 N
LONG 128 40 29 W
DRAINAGE AREA, 1 990 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	196 000	JUL	417 000
FEB	80 100	AUG	234 000
MAR	197 000	SEP	132 000
APR	303 000	OCT	329 000
MAY	546 000	NOV	306 000
JUN	577 000	DEC	388 000

TOTAL DISCHARGE, 3 710 000 dam³

KITSAULT RIVER ABOVE KLAYDUC CREEK - STATION NO. 08DB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.6 E	4.55B	4.50B	8.40E	18.4	59.0	54.2	31.5	26.9	30.2	9.45	2.70	1
2	13.4 E	4.50B	4.79A	10.5 E	20.8	57.2	44.9	25.5	26.1	25.3	8.59	2.39	2
3	12.0 E	4.50B	6.85	11.8 E	31.0	67.9	42.1	29.6A	22.3	20.1	9.07	2.10	3
4	10.7 E	4.50B	8.16	11.4 E	36.1	64.2	44.3	32.3E	25.2	17.1	9.66	2.65	4
5	9.80E	4.50B	7.99	10.7 E	45.7	54.0	44.6	32.9E	32.0	14.8	8.25	3.95	5
6	9.30E	4.50B	8.28	9.80E	46.1	49.1	47.5	31.5E	24.8	13.6	7.20	30.0 B	6
7	9.40E	4.45B	7.26	9.00E	51.2	49.2	48.2	29.4E	25.0	22.5	8.44	45.6	7
8	10.0 E	4.40B	6.20	7.70E	28.6	50.3	47.4	27.8E	21.2	74.0	8.26	25.4	8
9	10.4 E	4.30B	5.47	7.20E	29.4	51.4	43.7	31.0E	19.8	37.2	7.52	16.2	9
10	10.3 E	4.20B	5.40	6.90E	33.2	51.1	59.5	37.0E	16.6	24.1	6.58	12.0	10
11	9.80E	4.00B	4.66	6.90E	35.2	51.8	48.5	42.0E	16.6	19.4	6.01	9.25	11
12	9.10E	3.75B	4.31	7.00E	33.4	45.6	43.0	47.0E	17.3	27.5	5.58	7.76	12
13	8.65E	3.60B	5.20	7.70E	32.1	52.4	39.5	50.0E	17.1	26.6	5.96	6.83	13
14	8.15E	3.50B	6.27	9.40E	36.4	62.5	33.4	35.1A	18.6	19.6	5.47	6.09	14
15	7.55B	3.42B	6.41	11.5 E	39.4	62.9	34.9	32.4	22.4	16.6	5.31	4.63	15
16	7.25B	3.38B	11.7	16.0 E	36.5	56.3	35.3	29.4	17.5	15.3	6.02	4.06	16
17	7.05B	3.35B	10.5	19.5 E	37.6	47.9	31.6	31.5	13.8	13.6	5.58	4.99	17
18	7.00B	3.32B	9.16	22.0 E	37.9	45.0	32.6	31.4	24.2	12.7	6.67	4.58	18
19	6.95B	3.30B	10.8	25.0 E	33.0	49.3	36.9	29.5	19.5	11.0	7.34	3.50B	19
20	6.90B	3.31B	12.0	26.5 E	37.0	51.6	37.9	36.4	21.7	10.1	5.77	2.90B	20
21	6.90B	3.34B	9.16	26.0 E	42.8	78.4	40.1	30.6	26.8	12.4	4.90	2.80B	21
22	6.80B	3.41B	6.25A	25.0 E	38.7	65.1	42.1	25.9	24.7	12.4	4.34	3.00B	22
23	6.75B	3.50B	5.60E	23.5 E	43.3	53.0	41.8	23.3	31.2	26.6	3.40	3.10B	23
24	6.65B	3.60B	5.40E	22.0 E	40.1	44.1	41.6	19.9	45.5	46.8	2.82	2.85B	24
25	6.45B	3.68B	5.15E	21.0 E	41.0	41.5	43.2	19.0	33.0	25.1	2.95	2.66B	25
26	6.30B	3.82B	5.00E	20.1 E	46.7	44.2	38.1	19.4	20.2	17.5	3.49	4.47	26
27	6.00B	4.00B	4.90E	19.7 E	60.6	43.2	33.2	22.1	15.6	15.3	3.77	4.49	27
28	5.75B	4.15B	5.05E	19.1 E	74.0	43.3	32.8	28.2	61.0	13.5	3.25	4.40B	28
29	5.45B		5.50E	18.7 E	69.3	46.2	36.0	36.2	49.8	12.0	3.06	4.05B	29
30	5.05B		6.10E	18.5 A	60.7	50.5	41.1	42.7	46.7	11.0	2.90	3.95B	30
31	4.65B		7.00E		58.8		45.0	41.4		10.6		4.20B	31
TOTAL	255.05	108.83	211.02	458.50	1 255.0	1 588.4	1 285.0	981.9	783.1	654.5	177.61	237.55	TOTAL
MEAN	8.23	3.89	6.81	15.3	40.5	52.9	41.5	31.7	26.1	21.1	5.92	7.66	MEAN
MAX	14.6	4.55	12.0	26.5	74.0	78.4	59.5	50.0	61.0	74.0	9.66	45.6	MAX
MIN	4.65	3.30	4.31	6.90	18.4	41.5	31.6	19.0	13.8	10.1	2.82	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.9
MAXIMUM DAILY, 78.4 ON JUN 21
MINIMUM DAILY, 2.10 ON DEC 03
MAXIMUM INSTANTANEOUS,
111 AT 14:08 PST ON OCT 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 33 40 N
LONG 129 30 11 W
DRAINAGE AREA, 242 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 000	JUL	111 000
FEB	9 400	AUG	84 800
MAR	18 200	SEP	67 700
APR	39 600	OCT	56 500
MAY	108 000	NOV	15 300
JUN	137 000	DEC	20 500

TOTAL DISCHARGE, 690 000 dam³

KLAPPAN RIVER AT HEADWATERS PLATEAU - STATION NO. 08CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.079B	0.050B	0.050B	0.048B	0.054B	4.90E	3.15	0.804	0.647	0.417	0.128B	0.056B	1
2	0.077B	0.050B	0.050B	0.048B	0.055B	4.00E	2.84	0.720	0.670	0.402	0.121B	0.055B	2
3	0.077B	0.051B	0.049B	0.049B	0.055B	3.83E	2.79	0.728	0.589	0.395B	0.116B	0.054B	3
4	0.078B	0.051B	0.049B	0.049B	0.056B	3.60E	2.38	0.791	0.716	0.380B	0.113B	0.053B	4
5	0.078B	0.052B	0.048B	0.049B	0.058B	3.47A	2.17	0.779	0.704	0.365B	0.110B	0.052B	5
6	0.079B	0.052B	0.048B	0.049B	0.059B	3.45	2.13	0.850	0.654	0.350B	0.106B	0.052B	6
7	0.080B	0.053B	0.048B	0.050B	0.061B	3.58	2.10	0.702	0.645	0.330B	0.103B	0.051B	7
8	0.080B	0.053B	0.048B	0.050B	0.064B	3.09	2.07	0.725	0.525	0.325B	0.099B	0.050B	8
9	0.080B	0.053B	0.048B	0.050B	0.066B	2.83	1.93	0.771	0.460	0.320B	0.096B	0.050B	9
10	0.080B	0.053B	0.048B	0.050B	0.069B	3.10	2.39	0.756	0.418	0.312B	0.092B	0.050B	10
11	0.079B	0.053B	0.048B	0.050B	0.071B	3.47	2.00	0.782	0.452	0.306B	0.090B	0.049B	11
12	0.078B	0.052B	0.048B	0.050B	0.076B	3.92	1.70	0.776	0.408	0.298B	0.086B	0.049B	12
13	0.074B	0.052B	0.049B	0.050B	0.081B	4.51	1.48	0.761	0.374	0.285B	0.084B	0.048B	13
14	0.071B	0.051B	0.049B	0.050B	0.090B	4.62	1.23	0.813	0.369	0.279B	0.081B	0.048B	14
15	0.070B	0.051B	0.049B	0.050B	0.100B	4.11	1.24	0.685	0.437	0.270B	0.079B	0.047B	15
16	0.070B	0.050B	0.050B	0.050B	0.120E	3.09	1.23	0.646	0.343	0.260B	0.077B	0.046B	16
17	0.070B	0.050B	0.050B	0.050B	0.140E	2.45	1.08	0.590	0.322	0.250B	0.075B	0.046B	17
18	0.071B	0.050B	0.049B	0.050B	0.160E	2.28	1.06	0.553	0.361	0.240B	0.073B	0.045B	18
19	0.072B	0.051B	0.048B	0.050B	0.180E	2.18	1.10	0.541	0.331	0.230B	0.071B	0.044B	19
20	0.072B	0.051B	0.048B	0.050B	0.170E	2.14	1.11	0.891	0.596	0.224B	0.069B	0.044B	20
21	0.073B	0.051B	0.046B	0.050B	0.190E	3.16	1.19	0.680	0.691	0.218B	0.068B	0.043B	21
22	0.073B	0.052B	0.045B	0.051B	0.240E	4.06	1.30	0.579	0.610	0.211B	0.066B	0.043B	22
23	0.072B	0.052B	0.044B	0.051B	0.240E	3.06	1.33	0.554	0.726	0.202B	0.065B	0.042B	23
24	0.071B	0.052B	0.044B	0.052B	0.180E	2.13	1.30	0.439	0.771	0.192B	0.063B	0.042B	24
25	0.069B	0.052B	0.045B	0.052B	0.160E	1.80	1.20	0.399	0.690	0.183B	0.062B	0.041B	25
26	0.066B	0.052B	0.045B	0.052B	0.210E	1.80	1.04	0.379	0.565	0.174B	0.061B	0.041B	26
27	0.061B	0.051B	0.046B	0.052B	0.570E	2.09	0.903	0.391	0.484	0.165B	0.060B	0.041B	27
28	0.056B	0.051B	0.046B	0.052B	3.30 E	2.29	0.890	0.476	0.620	0.156B	0.059B	0.040E	28
29	0.053B		0.047B	0.053B	4.40 E	2.81	0.948	0.683	0.552	0.148B	0.058B	0.040E	29
30	0.051B		0.047B	0.053B	4.50 E	3.22	0.973	0.697	0.463	0.140B	0.057B	0.040E	30
31	0.051B		0.048B		4.70 E		0.995	0.744		0.135B		0.039B	31
TOTAL	2.211	1.442	1.477	1.510	20.475	95.04	49.249	20.685	16.193	8.162	2.488	1.441	TOTAL
MEAN	0.071	0.052	0.048	0.050	0.661	3.17	1.59	0.667	0.540	0.263	0.083	0.047	MEAN
MAX	0.080	0.053	0.050	0.053	4.70	4.90	3.15	0.891	0.771	0.417	0.128	0.056	MAX
MIN	0.051	0.050	0.044	0.048	0.054	1.80	0.890	0.379	0.322	0.135	0.057	0.039	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.604
MAXIMUM DAILY, 4.90E ON JUN 01
MINIMUM DAILY, 0.039B ON DEC 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 00 N
LONG 129 03 12 W
DRAINAGE AREA, 16.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	191	JUL	4 260
FEB	125	AUG	1 790
MAR	128	SEP	1 400
APR	130	OCT	705
MAY	1 770	NOV	215
JUN	8 210	DEC	125

TOTAL DISCHARGE, 19 000 dam³

KLAPPAN RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0B	11.8B	12.9B	16.4B	28.7	447	279	132	76.1	56.8	23.2	10.1B	1
2	14.7B	11.8B	12.9B	16.5B	30.7	467	285	102	65.5	54.6	20.7	10.0B	2
3	14.0B	11.8B	12.8B	16.6B	34.1	406	267	96.4	61.8	50.8	21.9	10.1B	3
4	13.7B	11.9B	12.7B	16.9B	40.1	370	251	104	59.1	47.4	18.7	10.8B	4
5	13.6B	12.0B	12.7B	17.0B	46.2	352	240	122	62.9	45.1	11.9	14.0B	5
6	13.5B	12.0B	12.7B	17.0B	63.5	340	233	121	64.2	41.7	10.7	15.9B	6
7	13.5B	12.0B	12.8B	17.0B	65.6	345	248	106	64.0	41.4	10.4B	15.7B	7
8	13.4B	12.0B	13.0B	17.0B	65.7	344	251	92.4	70.4	41.8	10.3B	14.8B	8
9	13.5B	11.9B	13.2B	17.0B	67.6	307	230	105	61.3	47.0	10.3B	14.0B	9
10	13.5B	11.7B	13.3B	17.0B	70.2	294	231	112	59.1	46.1	10.4B	13.0B	10
11	13.5B	11.7B	13.3B	17.1B	72.0	298	251	131	57.7	43.4	10.6B	12.5B	11
12	13.6B	11.7B	13.4B	17.3B	74.4	320	220	137	63.0	40.2	11.2B	12.4B	12
13	13.7B	11.7B	13.4B	17.8B	76.9	345	204	135	61.5	39.8	11.8B	12.5B	13
14	13.8B	11.7B	13.4B	18.5B	80.2	352	168	143	59.2	37.5	13.0B	12.6B	14
15	13.9B	11.6B	13.4B	19.3B	90.4	361	156	136	62.2	35.7	14.0B	12.9B	15
16	14.0B	11.6B	13.4B	19.8B	106	342	160	118	66.8	35.2	14.8B	12.8B	16
17	14.0B	11.7B	13.4B	20.2B	125	286	149	113	53.3	32.1	15.1B	12.2B	17
18	14.0B	11.8B	13.3B	20.5B	143	249	140	101	48.3	31.8	14.7B	11.5B	18
19	14.0B	11.9B	13.5B	21.0B	157	232	138	99.9	47.3	30.7	14.0B	10.1B	19
20	13.9B	12.1B	13.7B	21.3B	160	222	143	108	46.0	30.8	13.3B	10.4B	20
21	13.8B	12.3B	14.0B	21.7B	163	226	147	126	64.7	33.0	13.0B	11.1B	21
22	13.7B	12.4B	14.5B	22.2B	174	308	160	98.5	83.8	31.5	12.9B	12.0B	22
23	13.0B	12.6B	14.8B	22.7B	192	334	167	89.0	86.6	30.8	12.9B	13.0B	23
24	13.0B	12.7B	15.1B	23.8	192	261	168	83.5	93.3	31.1	13.0B	14.3B	24
25	12.7B	12.8B	15.3B	24.0	165	210	168	74.7	85.4	31.7	13.1B	14.7B	25
26	12.4B	12.9B	15.6B	25.3	165	191	158	72.2	68.2	25.2	13.3B	14.8B	26
27	12.2B	12.9B	15.9B	26.0	184	190	129	75.2	58.8	30.8	13.8B	13.5B	27
28	12.0B	13.0B	16.1B	25.3	233	208	115	77.2	54.8	29.2	14.0B	12.9B	28
29	11.9B		16.2B	25.5	295	240	122	90.5	65.9	27.5	13.9B	12.6B	29
30	11.8B		16.3B	27.3	340	269	132	81.6	61.5	26.6	13.0B	12.8B	30
31	11.8B		16.4B		366		149	77.5		26.6		12.9B	31
TOTAL	415.1	338.0	433.4	605.0	4 056.3	9 116	5 859	3 260.1	1 932.7	1 153.9	413.9	391.7	TOTAL
MEAN	13.4	12.1	14.0	20.2	131	304	189	105	64.4	37.2	13.8	12.6	MEAN
MAX	15.0	13.0	16.4	27.3	366	467	285	143	93.3	56.8	23.2	15.9	MAX
MIN	11.8	11.6	12.7	16.4	28.7	190	115	72.2	46.0	25.2	10.3	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.6
MAXIMUM DAILY, 467 ON JUN 02
MINIMUM DAILY, 10.0B ON DEC 02
MAXIMUM INSTANTANEOUS,
487 AT 23:30 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 00 N
LONG 129 42 14 W
DRAINAGE AREA, 3 550 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 900	JUL	506 000
FEB	29 200	AUG	282 000
MAR	37 400	SEP	167 000
APR	52 300	OCT	99 700
MAY	350 000	NOV	35 800
JUN	788 000	DEC	33 800

TOTAL DISCHARGE, 2 420 000 dam³

KLINAKLINI RIVER EAST CHANNEL (MAIN) NEAR THE MOUTH - STATION NO. 08GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	113	36.0B	43.3	67.3	123	502	691	835	446	331	116	121	1
2	98.3	40.0B	42.9	86.6	153	497	591	734	404	277	102	108	2
3	90.6	49.0B	43.3	100	178	538	531	711	384	227	97.9	125	3
4	89.6	53.0B	43.1	100	218	501	512	766	400	435	98.2	225	4
5	104	51.0B	44.5	98.1	278	436	543	802	471	314	93.1	167	5
6	130	49.0B	53.7	98.3	281	406	570	872	527	205	86.4	140	6
7	144	48.5B	53.6	101	232	390	575	726	554	157	94.5	132	7
8	129	46.0B	49.8	113	203	385	641	675	557	137	88.9	175	8
9	118	48.0B	48.1	97.3	205	374	658	744	525	193	84.2	150	9
10	102	50.0B	45.9	85.3	214	398	670	867	520	195	83.8	124	10
11	86.7	49.5B	40.2	80.1	233	405	761	972	517	157	421	110	11
12	80.8	46.0B	38.5	89.4	244	384	853	1 010	464	143	995	99.1	12
13	80.9	43.0B	38.5	99.3	256	379	818	960	418	125	816	91.2	13
14	78.2	41.0B	38.1	99.5	255	442	749	828	443	107	519	86.0B	14
15	76.2	38.5B	38.9	111	251	497	768	719	488	94.6	351	81.0B	15
16	74.0	38.0B	39.8	128	253	516	757	642	475	86.9	327	77.0B	16
17	66.3	37.0B	52.8	154	256	497	672	628	422	86.1	284	73.0B	17
18	58.1	37.5B	57.2	174	263	497	622	664	383	94.2	223	67.0B	18
19	56.8	40.0B	56.7	173	274	558	644	706	342	89.1	196	65.0B	19
20	59.8	42.0B	58.5	169	272	609	687	767	337	82.7	174	64.0B	20
21	65.7	41.9B	67.8	178	265	632	734	780	439	93.3	159	63.5B	21
22	64.7	41.8B	68.4	182	269	729	782	743	487	85.0	162	63.0B	22
23	63.6	42.0B	68.2	170	281	801	807	670	553	88.3	250	62.5B	23
24	62.3	43.2	64.7	166	285	755	775	511	536	247	193	62.0B	24
25	89.1	43.6	60.5	159	294	719	800	472	505	295	165	61.0B	25
26	77.3	43.8	59.2	147	308	710	881	439	400	257	143	60.0B	26
27	68.5	43.4	56.5	140	333	668	808	438	356	254	133	58.0B	27
28	64.5	43.3	59.3	128	364	638	783	470	338	287	138	56.0B	28
29	59.1		59.7	120	424	633	827	481	369	195	174	54.0B	29
30	52.9		56.1	116	449	671	883	458	296	161	141	52.0B	30
31	36.5B		65.1		469		907	458		136		51.0B	31
TOTAL	2 540.5	1 226.0	1 605.9	3 730.2	8 383	16 167	22 300	21 448	13 356	5 635.2	6 909.0	2 923.3	TOTAL
MEAN	82.0	43.8	51.8	124	270	539	719	692	445	182	230	94.3	MEAN
MAX	144	53.0	68.4	182	469	801	907	1 010	557	435	995	225	MAX
MIN	36.5	36.0	38.1	67.3	123	374	512	438	296	82.7	83.8	51.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 291
MAXIMUM DAILY, 1 010 ON AUG 12
MINIMUM DAILY, 36.0B ON FEB 01
MAXIMUM INSTANTANEOUS
1 120 AT 17:15 PST ON NOV 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 08 N
LONG 125 35 33 W

DRAINAGE AREA, 5 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	219 000	JUL	1 930 000
FEB	106 000	AUG	1 850 000
MAR	139 000	SEP	1 150 000
APR	322 000	OCT	487 000
MAY	724 000	NOV	597 000
JUN	1 400 000	DEC	253 000

TOTAL DISCHARGE, 9 180 000 dam³

REMARKS - DOES NOT INCLUDE DISCHARGE OF DICE CREEK, AND OVERFLOW FORMERLY GAUGED BY STATION NO. 08GE001

KLOIYA RIVER NEAR PRINCE RUPERT - STATION NO. 08EG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.4	2.43	4.19	14.0	1.81	0.378E	1.24	0.893	8.80	3.32	9.88	7.67	1
2	12.3	1.73	4.89	17.9	1.59	0.365E	1.20	0.830	7.87	3.91	6.28	6.97	2
3	16.2	0.555	5.49	16.6	1.34	0.350E	0.994	1.13	6.68	3.67	17.6	32.7	3
4	15.8	0.558	5.93	8.98	1.44	0.338E	0.767	1.42	4.82	3.11	25.7	42.8	4
5	26.7	0.573	9.01	6.30	1.71	0.325E	0.630	1.32	4.04	2.78	12.6	35.9	5
6	28.0	0.606	11.4	3.43	14.8	0.314E	0.522	1.35	4.01	2.83	10.1	61.7	6
7	16.0	0.605	8.05	2.70	23.5	0.301E	0.439	1.51	3.92	30.2	29.8	113	7
8	12.5	0.658	5.14	2.72	8.86	0.290E	0.382	1.53	3.82	35.9	14.1	54.0 E	8
9	15.6	0.909	3.59	2.44	5.04	0.280E	0.344	1.64	3.68	17.7	8.44	13.0 E	9
10	9.18	1.29	2.90	1.85	3.35	0.272E	1.25	1.64	3.56	7.05	7.95	3.67A	10
11	4.92	1.60	2.64	2.36	2.37	0.265E	1.11	1.58	3.54	6.09	6.77	4.13	11
12	4.02	1.51	2.72	3.08	1.89	0.258E	0.895	1.52	3.41	35.1	36.3	3.81	12
13	3.91	1.22	3.34	4.32	1.61	0.248E	0.697	1.43	2.75	30.0	24.0	5.77	13
14	2.94	1.10	5.29	4.63	1.45	0.239E	0.573	1.33	2.12	10.9	16.3	8.83	14
15	2.77	1.11	8.29	4.29	1.23	0.231E	0.483	1.14	2.22	6.55	23.6	6.26	15
16	2.50	1.21	21.2	4.18	1.05	0.222E	0.728	1.19	2.28	10.3	39.6	6.38	16
17	2.06	1.37	19.6	4.34	0.811	0.217E	0.607	1.36	2.34	9.91	26.7	26.9	17
18	1.60	1.38	16.4	4.47	0.686	0.211E	0.502	1.54	2.59	6.43	32.3	12.8	18
19	1.10	1.23	17.6	4.60	0.618	0.390E	0.419	1.52	2.65	13.4	35.5	5.74	19
20	12.2	1.39	20.6	4.90	0.536	0.730A	0.350	1.49	2.93	12.1	14.4	3.92	20
21	29.6	1.76	17.2	5.24	0.536	2.21	0.309	1.53	3.15	19.1	7.24	2.82	21
22	22.9	2.48	10.4	5.04	0.504	2.90	0.288	1.49	3.17	21.2	7.72	2.27	22
23	12.1	3.16	5.59	4.84	0.509	2.83	0.271	1.50	3.19	25.2	6.96	1.88	23
24	6.15	5.43	4.00	4.47	0.476	2.62	0.254	1.54	3.26	15.2	6.10	1.89	24
25	4.56	6.65	3.30	3.59	0.500A	2.00	0.286	1.58	3.36	15.3	5.37	4.56	25
26	4.69	5.18	3.00	3.11	0.490E	1.63	0.333	1.50	3.33	12.6	5.08	19.3	26
27	4.12	4.02	3.04	2.51	0.470E	1.27	0.349	1.53	3.16	18.8	5.80	23.1	27
28	4.00	3.85	4.43	2.08	0.450E	1.01	0.204	1.56	7.61	7.82	9.90	12.4	28
29	3.35		9.49	1.99	0.430E	0.792	0.197	1.71	7.83	4.49	10.3	6.87	29
30	5.76		17.6	1.86	0.412E	1.01	0.217	3.95	4.02	8.60	8.81	4.90	30
31	2.49		11.3		0.398E		0.587	7.79		13.0		3.68	31
TOTAL	301.32	55.564	268.12	152.82	80.866	24.496	17.427	53.043	120.11	431.26	471.20	539.62	TOTAL
MEAN	9.72	1.98	8.65	5.09	2.61	0.817	0.562	1.71	4.00	13.9	15.7	17.4	MEAN
MAX	29.6	6.65	21.2	17.9	23.5	2.90	1.25	7.79	8.80	35.9	39.6	113	MAX
MIN	1.10	0.555	2.64	1.85	0.398	0.211	0.197	0.830	2.12	2.78	5.08	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.89
MAXIMUM DAILY, 113 ON DEC 07
MINIMUM DAILY, 0.197 ON JUL 29
MAXIMUM INSTANTANEOUS
133 AT 12:03 PST ON DEC 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 14 51 N
LONG 130 10 18 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 000	JUL	1 510
FEB	4 800	AUG	4 580
MAR	23 200	SEP	10 400
APR	13 200	OCT	37 300
MAY	6 990	NOV	40 700
JUN	2 120	DEC	46 600

TOTAL DISCHARGE, 217 000 dam³

KNIFE CREEK ABOVE DIVERSIONS - STATION NO. 08MC047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.068B	0.060B	0.090B	0.118B	0.111	0.140	0.526	0.159	0.295	0.036	0.059	0.063B	1
2	0.067B	0.062B	0.090B	0.120B	0.121	0.139	0.535	0.153	0.295	0.038	0.058B	0.062B	2
3	0.066B	0.064B	0.091B	0.122B	0.124	0.145	0.535	0.148	0.283	0.041	0.057B	0.061B	3
4	0.066B	0.066B	0.093B	0.127	0.112	0.149	0.526	0.143	0.282	0.066	0.056B	0.062B	4
5	0.065B	0.067B	0.095B	0.131	0.107	0.147	0.539	0.142	0.278	0.058	0.055B	0.060B	5
6	0.065B	0.068B	0.097B	0.130	0.102	0.140	0.583	0.141	0.277	0.047	0.054B	0.058B	6
7	0.066B	0.068B	0.098B	0.133	0.115	0.143	0.559	0.121	0.274	0.049	0.053B	0.057B	7
8	0.066B	0.069B	0.099B	0.129	0.197	0.137	0.541	0.125	0.271	0.080	0.054B	0.056B	8
9	0.065B	0.070B	0.099B	0.119	0.200	0.135	0.541	0.125	0.263	0.094	0.058B	0.056B	9
10	0.063B	0.073B	0.100B	0.111	0.195	0.156	0.538	0.123	0.252	0.097	0.066	0.056B	10
11	0.058B	0.076B	0.101B	0.099	0.186	0.211	0.584	0.119	0.203	0.097	0.086	0.056B	11
12	0.060B	0.075B	0.102B	0.103	0.182	0.216	0.543	0.115	0.101	0.101	0.079	0.056B	12
13	0.063B	0.072B	0.102B	0.111	0.168	0.172	0.538	0.115	0.071	0.101	0.071	0.054B	13
14	0.067B	0.067B	0.103B	0.101	0.193	0.153	0.535	0.106	0.068	0.109	0.065	0.052B	14
15	0.066B	0.063B	0.104B	0.134	0.155	0.148	0.533	0.106	0.070	0.109	0.064	0.049B	15
16	0.064B	0.060B	0.105B	0.125	0.161	0.144	0.516	0.101	0.090	0.113	0.062	0.046B	16
17	0.062B	0.064B	0.107B	0.125	0.175	0.141	0.512	0.101	0.074	0.114	0.061	0.044B	17
18	0.061B	0.071B	0.109B	0.141	0.166	0.144	0.504	0.122	0.059	0.117	0.060B	0.042B	18
19	0.061B	0.078B	0.111B	0.132	0.162	0.141	0.502	0.290	0.056	0.139	0.059B	0.042B	19
20	0.062B	0.083B	0.116B	0.141	0.155	0.142	0.498	0.286	0.054	0.129	0.058B	0.043B	20
21	0.064B	0.086B	0.118B	0.132	0.155	0.138	0.496	0.288	0.055	0.118	0.057B	0.046B	21
22	0.067B	0.089B	0.114B	0.134	0.141	0.134	0.491	0.331	0.050	0.104	0.056B	0.050B	22
23	0.070B	0.092B	0.110B	0.135	0.141	0.131	0.488	0.330	0.049	0.073	0.056B	0.055B	23
24	0.070B	0.093B	0.109B	0.158	0.148	0.132	0.484	0.316	0.047	0.065	0.055B	0.060B	24
25	0.070B	0.094B	0.108B	0.144	0.160	0.137	0.478	0.304	0.044	0.066	0.054B	0.065B	25
26	0.070B	0.094B	0.107B	0.140	0.153	0.136	0.483	0.299	0.044	0.065	0.054B	0.068B	26
27	0.069B	0.095B	0.108B	0.150	0.142	0.131	0.399	0.316	0.040	0.063	0.056B	0.070B	27
28	0.067B	0.092B	0.109B	0.138	0.140	0.133	0.187	0.306	0.037	0.059	0.058B	0.069B	28
29	0.063B		0.110B	0.124	0.145	0.540	0.164	0.304	0.034	0.061	0.060B	0.067B	29
30	0.060B		0.112B	0.112	0.148	0.531	0.163	0.297	0.037	0.059	0.064B	0.066B	30
31	0.059B		0.114B		0.143		0.162	0.294		0.059		0.065B	31
TOTAL	2.010	2.111	3.231	3.899	4.703	5.186	14.683	6.226	4.053	2.527	1.805	1.756	TOTAL
MEAN	0.065	0.075	0.104	0.130	0.152	0.173	0.474	0.201	0.135	0.082	0.060	0.057	MEAN
MAX	0.070	0.095	0.116	0.181	0.200	0.540	0.584	0.331	0.295	0.139	0.086	0.070	MAX
MIN	0.058	0.060	0.090	0.099	0.102	0.131	0.162	0.101	0.034	0.036	0.053	0.042	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.143
MAXIMUM DAILY, 0.584 ON JUL 11
MINIMUM DAILY, 0.034 ON SEP 29
MAXIMUM INSTANTANEOUS,
1.43 AT 14:00 PST ON JUN 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 00 N
LONG 121 39 47 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	174	JUL 1	270
FEB	192	AUG	538
MAR	279	SEP	350
APR	337	OCT	218
MAY	406	NOV	156
JUN	448	DEC	152

TOTAL DISCHARGE, 4 510 dam³

KNIFE CREEK AT 141 MILE HOUSE - STATION NO. 08MC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.615E	1.04	0.108	0.864	0.180	0.036	0.012A	---	---	1
2	---	---	---	0.622E	0.944	0.101	0.829	0.181	0.034	---	---	---	2
3	---	---	---	0.629A	0.825	0.094	0.887	0.171	0.032	---	---	---	3
4	---	---	---	0.657	0.699	0.181	0.876	0.160	0.032	---	---	---	4
5	---	---	---	0.549	0.567	0.299	0.822	0.146	0.032	---	---	---	5
6	---	---	---	0.441	0.424	0.361	0.957	0.109	0.032	---	---	---	6
7	---	---	---	0.416	0.349	0.398	1.24	0.104	0.032	---	---	---	7
8	---	---	---	0.423	0.330	0.305	1.22	0.086	0.032	---	---	---	8
9	---	---	---	0.369	0.332	0.258	1.02	0.032	0.035	---	---	---	9
10	---	---	---	0.312	0.325	0.242	0.901	0.022	0.037	---	---	---	10
11	---	---	---	0.284	0.280	0.851	0.769	0.022	0.055	---	---	---	11
12	---	---	---	0.291	0.258	1.89	0.647	0.022	0.075	---	---	---	12
13	---	---	---	0.355	0.211	2.33	0.618	0.020	0.077	---	---	---	13
14	---	---	---	0.358	0.164	1.87	0.578	0.017	0.025	---	---	---	14
15	---	---	---	0.368	0.115	1.83	0.556	0.014	0.024	---	---	---	15
16	---	---	---	0.366	0.108	1.77	0.548	0.017	0.038	---	---	---	16
17	---	---	---	0.768	0.114	1.61	0.581	0.023	0.032	---	---	---	17
18	---	---	---	1.54	0.165	1.38	0.616	0.042	0.048	---	---	---	18
19	---	---	---	1.89	0.163	1.18	0.594	0.032	0.047	---	---	---	19
20	---	---	---	2.07	0.163	1.07	0.574	0.068	0.045	---	---	---	20
21	---	---	---	1.96	0.192	0.963	0.545	0.088	0.039	---	---	---	21
22	---	---	---	1.82	0.195	0.891	0.434	0.075	0.035	---	---	---	22
23	---	---	---	1.67	0.139	0.871	0.491	0.048	0.020	---	---	---	23
24	---	---	---	1.58	0.145	0.773	0.523	0.066	0.014	---	---	---	24
25	---	---	---	1.41	0.169	0.694	0.518	0.092	0.012	---	---	---	25
26	---	---	---	1.36	0.169	0.635	0.526	0.111	0.013	---	---	---	26
27	---	---	---	1.43	0.145	0.548	0.520	0.108	0.013	---	---	---	27
28	---	---	---	1.37	0.137	0.479	0.514	0.090	0.011	---	---	---	28
29	---	---	0.605A	1.29	0.140	0.465	0.320	0.039	0.012	---	---	---	29
30	---		---	1.17	0.147	0.775	0.212	0.037	0.013	---	---	---	30
31	---		---		0.129		0.188	0.037		---		---	31
TOTAL	---	---	---	28.383	9.283	25.222	20.488	2.259	0.982	---	---	---	TOTAL
MEAN	---	---	---	0.946	0.300	0.841	0.661	0.073	0.033	---	---	---	MEAN
MAX	---	---	---	2.07	1.04	2.33	1.24	0.181	0.077	---	---	---	MAX
MIN	---	---	---	0.284	0.108	0.094	0.188	0.014	0.011	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.33 ON JUN 13

MAXIMUM INSTANTANEOUS,
2.70 AT 02:43 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 43 N
LONG 121 51 55 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 1	770
FEB	---	AUG	195
MAR	---	SEP	84.8
APR	2 450	OCT	---
MAY	802	NOV	---
JUN	2 180	DEC	---

KOKSILAH RIVER AT COWICHAN STATION - STATION NO. 08HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.83	16.8	9.68	10.7	4.55	4.78	1.25	0.290	0.606	0.254	8.30	28.9	1
2	6.73	20.6	9.38	11.1	4.10	4.96	0.980	0.275	0.467	0.262	6.75	21.7	2
3	6.83	106	9.28	10.0	3.90	5.14	0.954	0.265	0.329	0.375	6.25	63.7	3
4	7.95	37.4	8.18	9.18	3.78	5.39	0.908	0.261	0.308	5.01	11.5	191	4
5	13.9	42.0	9.23	8.88	3.71	5.58	1.01	0.257	0.307	3.78	7.50	87.0	5
6	38.4	29.8	13.5	8.58	3.49	4.74	1.07	0.253	0.293	2.30	6.85	42.1	6
7	77.9	25.8	24.0	8.18	3.13	4.48	0.951	0.249	0.286	1.85	6.70	26.3	7
8	42.6	20.2	18.4	7.95	3.07	4.35	0.867	0.245	0.263	0.964	7.40	38.7	8
9	33.1	15.0	15.9	7.60	2.54	4.06	0.839	0.249	0.263	0.852	94.5	107	9
10	28.5	40.9	26.3	5.95	2.29	4.38	0.811	0.249	0.259	0.796	131	38.5	10
11	24.6	86.7	22.4	5.87	2.25	4.03	0.783	0.249	0.259	0.768	87.5	28.2	11
12	16.6	38.2	13.2	5.79	2.20	3.74	0.685	0.253	0.255	1.43	37.1	20.7	12
13	15.1	24.3	11.2	5.75	2.16	3.64	0.600	0.249	0.255	1.77	104	19.5	13
14	13.5	16.9	11.4	5.95	2.07	3.09	0.560	0.248	0.247	0.908	44.3	18.3	14
15	12.2	12.8	11.6	5.71	1.97	2.75	0.333	0.244	0.251	2.75	34.7	17.1	15
16	11.5	10.6	11.8	5.47	1.94	2.58	0.368	0.244	0.259	2.84	27.7	15.6	16
17	10.1	10.0	12.8	5.39	2.00	2.48	0.401	0.256	0.259	3.36	26.6	16.1	17
18	8.90	8.08	14.1	5.37	2.03	2.38	0.396	0.295	0.255	3.33	18.7	15.9	18
19	8.00	7.60	19.2	5.43	1.84	2.19	0.396	0.264	0.255	3.10	18.3	15.7	19
20	7.60	8.00	19.9	5.33	1.71	2.00	0.389	0.260	0.247	2.97	64.3	13.2	20
21	7.90	7.68	20.3	4.55	1.78	1.87	0.388	0.256	0.243	6.07	11.6	8.03	21
22	8.43	8.10	16.8	5.39	1.79	1.54	0.388	0.256	0.239	7.35	44.7	6.25B	22
23	10.2	8.53	13.2	7.65	2.03	1.48	0.388	0.256	0.230	4.52	179	5.55B	23
24	12.8	10.1	11.9	7.20	1.97	1.38	0.388	0.256	0.230	3.84	117	5.50B	24
25	30.9	7.83	10.3	7.55	1.78	1.25	0.374	0.256	0.234	7.77	53.9	5.48B	25
26	25.3	13.1	9.83	6.85	1.61	1.19	0.353	0.260	0.238	21.4	30.2	5.46B	26
27	21.9	11.1	8.65	6.75	1.55	1.16	0.339	0.260	0.238	7.73	23.7	5.44B	27
28	31.1	10.3	8.48	5.99	1.49	1.19	0.332	0.260	0.242	10.1	19.7	5.42B	28
29	29.5		9.55	5.39	1.53	1.25	0.325	0.268	0.246	17.4	104	5.40B	29
30	23.5		9.78	4.73	1.71	1.27	0.310	1.15	0.254	20.3	39.6	5.40B	30
31	18.1		11.1		1.84		0.297	1.12		15.1		5.42B	31
TOTAL	610.87	654.42	421.34	206.23	73.78	91.32	18.343	9.753	8.317	160.249	1 375.85	887.95	TOTAL
MEAN	19.7	23.4	13.6	6.87	2.38	3.04	0.592	0.315	0.277	5.17	45.9	28.6	MEAN
MAX	77.9	106	26.3	11.1	4.55	6.39	1.25	1.15	0.606	21.4	179	191	MAX
MIN	6.73	7.60	8.18	4.55	1.49	1.16	0.297	0.244	0.230	0.254	6.70	5.40	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 191 ON DEC 04
MINIMUM DAILY, 0.230 ON SEP 23
MAXIMUM INSTANTANEOUS,
202 ON NOV 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 43 39 N
LONG 123 40 11 W
DRAINAGE AREA, 209 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 800	JUL	1 580
FEB	56 500	AUG	843
MAR	36 400	SEP	719
APR	17 800	OCT	13 800
MAY	6 370	NOV	119 000
JUN	7 890	DEC	76 700

TOTAL DISCHARGE, 390 000 dam³

KOOTENAI RIVER AT PORTHILL - STATION NO. 08NH021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	197	481	668	317	411	677	1 010	484	224	197	782	343	1
2	201	606	617	371	402	699	988	473	222	541	767	297	2
3	348	739	606	541	405	660	960	513	223	688	750	289	3
4	374	646	609	648	428	694	906	609	227	705	745	597	4
5	255	623	609	660	484	708	821	360	255	716	736	716	5
6	184	708	600	634	583	551	898	326	259	629	736	722	6
7	197	674	555	609	631	665	810	504	258	311	629	714	7
8	219	708	547	603	575	705	631	504	238	276	561	813	8
9	229	733	521	626	504	631	606	436	204	583	524	886	9
10	368	739	507	614	459	634	694	439	200	657	340	915	10
11	436	748	504	592	442	648	694	379	200	691	408	963	11
12	345	773	507	555	442	767	685	279	197	725	328	943	12
13	303	767	504	549	453	878	674	259	200	682	294	946	13
14	279	739	504	552	464	909	555	348	199	340	445	957	14
15	262	731	490	566	462	960	345	348	198	377	274	943	15
16	251	739	476	592	445	943	317	229	159	682	238	934	16
17	240	739	379	626	433	946	498	337	158	725	221	934	17
18	223	733	362	643	439	748	515	323	311	719	215	940	18
19	217	728	368	691	433	1 020	515	256	481	722	211	917	19
20	210	711	382	739	433	1 100	442	252	510	671	203	889	20
21	210	688	413	750	436	1 060	334	436	510	428	200	875	21
22	210	691	442	702	433	1 060	326	365	377	462	195	869	22
23	204	697	439	699	456	1 050	297	294	182	702	215	869	23
24	204	699	388	697	530	1 050	447	345	166	725	309	875	24
25	195	691	368	668	614	1 030	382	351	306	722	949	878	25
26	201	691	365	612	680	1 070	408	256	504	725	1 030	875	26
27	191	680	362	547	646	1 080	668	242	597	663	725	869	27
28	190	685	360	507	617	1 050	799	239	668	351	688	875	28
29	193		360	473	646	1 030	719	238	521	385	677	858	29
30	194		362	436	697	1 010	623	227	278	691	405	850	30
31	456		354		697		564	227		745		852	31
TOTAL	7 886	19 595	14 528	17 819	15 780	26 133	19 131	10 878	9 032	18 233	14 800	25 203	TOTAL
MEAN	254	700	469	594	509	871	617	351	301	588	493	813	MEAN
MAX	456	773	668	750	697	1 100	1 010	609	668	745	1 030	963	MAX
MIN	184	481	354	317	402	631	297	227	158	197	195	289	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 545
MAXIMUM DAILY, 1 100 ON JUN 20
MINIMUM DAILY, 158 ON SEP 17

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 116 30 10 W
DRAINAGE AREA, 35 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	681 000	JUL	1 650 000
FEB	1 690 000	AUG	940 000
MAR	1 260 000	SEP	780 000
APR	1 540 000	OCT	1 580 000
MAY	1 360 000	NOV	1 280 000
JUN	2 260 000	DEC	2 180 000

TOTAL DISCHARGE, 17 200 000 dam³

KOOTENAI RIVER NEAR COPELAND - STATION NO. 08NH031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	187	476	665	309	377	600	883	467	211	197	782	326	1
2	201	634	617	379	365	629	869	470	213	575	765	283	2
3	351	731	612	569	365	589	855	518	215	694	750	289	3
4	368	631	612	663	377	600	793	583	220	711	745	600	4
5	231	626	614	660	425	620	765	345	249	722	736	705	5
6	177	702	597	629	518	578	813	326	253	603	733	711	6
7	187	665	555	606	569	586	722	504	252	303	609	702	7
8	210	711	552	612	518	623	589	504	228	278	564	824	8
9	223	725	521	631	453	564	583	430	193	612	501	878	9
10	385	733	507	612	413	530	657	436	191	657	311	909	10
11	425	745	510	566	394	558	654	374	189	699	382	954	11
12	331	762	510	530	388	674	651	270	187	728	306	929	12
13	289	756	507	521	399	779	629	251	191	665	292	943	13
14	267	733	507	524	411	804	527	351	189	320	416	949	14
15	249	728	496	535	408	835	326	345	186	396	256	934	15
16	239	739	470	561	408	827	314	217	148	694	228	926	16
17	227	736	368	589	385	813	496	340	150	722	214	926	17
18	212	731	354	603	388	674	504	320	328	722	208	932	18
19	205	725	360	640	385	895	504	240	493	725	203	906	19
20	199	705	379	680	385	934	425	256	515	648	196	881	20
21	198	682	413	680	385	906	323	430	510	419	193	869	21
22	200	691	445	629	385	915	317	360	357	481	189	864	22
23	194	697	433	626	408	903	292	289	167	711	203	867	23
24	191	697	379	620	481	900	442	345	156	725	292	872	24
25	184	688	360	603	566	886	374	348	323	722	940	875	25
26	189	691	351	549	623	923	416	241	510	719	966	872	26
27	179	685	348	498	586	926	682	230	623	637	682	869	27
28	179	682	345	464	555	906	767	227	660	343	660	869	28
29	186		345	433	575	898	674	223	496	399	648	852	29
30	300		351	396	614	886	609	217	257	697	371	847	30
31	459		328		614		549	219		748		850	31
TOTAL	7 622	19 507	14 411	16 917	14 123	22 761	18 004	10 676	8 850	18 272	14 341	25 013	TOTAL
MEAN	246	697	465	564	456	759	581	344	295	589	478	807	MEAN
MAX	459	762	665	680	623	934	883	583	660	748	966	954	MAX
MIN	177	476	328	309	365	530	292	217	148	197	189	283	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 522
MAXIMUM DAILY, 966 ON NOV 26
MINIMUM DAILY, 148 ON SEP 16

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 54 18 N
LONG 116 24 07 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	659 000	JUL	1 560 000
FEB	1 690 000	AUG	922 000
MAR	1 250 000	SEP	766 000
APR	1 460 000	OCT	1 580 000
MAY	1 220 000	NOV	1 240 000
JUN	1 970 000	DEC	2 160 000

TOTAL DISCHARGE, 15 500 000 dam³

KOOTENAY LAKE AT KUSKONOOK - STATION NO. 08NH067

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.929	531.546	531.121	530.311	531.553	532.507	533.367	532.213	531.489	531.595	531.901	531.925	1
2	531.917	531.536	531.099	530.318	531.524	532.611	533.334	532.204	531.507	531.587	531.923	531.949	2
3	531.893	531.540	531.067	530.355	531.493	532.670	533.293	532.185	531.534	531.616	531.928	531.964	3
4	531.899	531.553	531.041	530.421	531.464	532.731	533.247	532.174	531.543	531.672	531.932	531.951	4
5	531.899	531.530	531.020	530.498	531.457	532.761	533.176	532.145	531.551	531.766	531.937	531.956	5
6	531.885	531.524	530.991	530.568	531.507	532.747	533.129	532.077	531.563	531.843	531.941	531.954	6
7	531.870	531.498	530.966	530.628	531.581	532.722	533.104	532.045	531.577	531.846	531.950	531.945	7
8	531.855	531.484	530.938	530.686	531.631	532.716	533.037	532.043	531.592	531.818	531.950	531.943	8
9	531.861	531.454	530.913	530.747	531.664	532.702	532.961	532.041	531.595	531.816	531.985	531.978	9
10	531.898	531.437	530.883	530.797	531.675	532.705	532.914	532.020	531.594	531.884	532.018	532.012	10
11	531.947	531.423	530.858	530.841	531.673	532.777	532.891	531.989	531.594	531.915	532.048	532.035	11
12	531.973	531.403	530.820	530.870	531.662	532.803	532.872	531.950	531.597	531.967	532.063	532.040	12
13	531.947	531.378	530.795	530.890	531.652	532.806	532.861	531.902	531.598	532.014	532.048	532.031	13
14	531.904	531.359	530.768	530.906	531.649	532.805	532.826	531.858	531.596	531.991	532.011	532.024	14
15	531.856	531.329	530.741	530.925	531.643	532.800	532.755	531.835	531.587	531.913	531.930	532.016	15
16	531.806	531.314	530.716	530.949	531.633	532.805	532.663	531.797	531.564	531.910	531.903	532.007	16
17	531.761	531.322	530.675	530.982	531.620	532.831	532.621	531.736	531.553	531.940	531.914	532.003	17
18	531.750	531.321	530.635	531.021	531.601	532.851	532.563	531.695	531.548	531.972	531.936	532.001	18
19	531.733	531.315	530.595	531.071	531.591	532.882	532.514	531.625	531.580	532.000	531.944	531.988	19
20	531.700	531.321	530.563	531.138	531.578	532.955	532.466	531.550	531.619	531.997	531.951	531.976A	20
21	531.674	531.317	530.541	531.220	531.573	533.022	532.397	531.517	531.648	531.944	531.954	531.972E	21
22	531.653	531.289	530.522	531.306	531.567	533.077	532.324	531.511	531.656	531.879	531.966	531.961E	22
23	531.645	531.258	530.505	531.387	531.572	533.143	532.248	531.530	531.625	531.860	531.975	531.949E	23
24	531.621	531.232	530.481	531.462	531.618	533.218	532.186	531.529	531.585	531.870	532.011	531.927E	24
25	531.604	531.210	530.457	531.540	531.712	533.287	532.176	531.532	531.551	531.886	532.095	531.917E	25
26	531.588	531.188	530.429	531.582	531.806	533.349	532.169	531.518	531.552	531.900	532.154	531.912E	26
27	531.566	531.167	530.403	531.604	531.878	533.386	532.184	531.480	531.580	531.909	532.130	531.914E	27
28	531.553	531.144	530.381	531.607	531.946	533.390	532.209	531.448	531.613	531.885	532.057	531.911E	28
29	531.542		530.358	531.601	532.034	533.379	532.233	531.442	531.647	531.841	532.008	531.878E	29
30	531.535		530.339	531.581	532.186	533.372	532.243	531.437	531.644	531.833	531.959	531.860E	30
31	531.549		530.323		532.342		532.231	531.472		531.868		531.867E	31
MEAN	531.768	531.371	530.708	530.994	531.680	532.927	532.684	531.790	531.583	531.863	531.984	531.960	MEAN
MAX	531.973	531.553	531.121	531.607	532.342	533.390	533.367	532.213	531.656	532.014	532.154	532.040	MAX
MIN	531.535	531.144	530.323	530.311	531.457	532.507	532.169	531.437	531.489	531.587	531.901	531.860	MIN

WATER LEVELS IN METRES

MEAN, 531.778
MAXIMUM DAILY, 533.390 ON JUN 28
MINIMUM DAILY, 530.311 ON APR 01
MAXIMUM INSTANTANEOUS,
533.437 AT 07:30 MST ON JUN 30

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 56 N
LONG 116 39 31 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1972 ADJ.)

KOOTENAY LAKE AT QUEENS BAY - STATION NO. 08NH064

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.779	531.394	530.961	530.154	531.382	532.354	533.192	532.043	531.317	531.433	531.738	531.772	1
2	531.762	531.382	530.933	530.160	531.352	532.460	533.164	532.032	531.342	531.414	531.764	531.793	2
3	531.743	531.392	530.905	530.190	531.361	532.524	533.137	532.016	531.350	531.437	531.774	531.810	3
4	531.758	531.402	530.877	530.256	531.294	532.594	533.094	532.008	531.356	531.508	531.778	531.807	4
5	531.761	531.388	530.859	530.338	531.293	532.621	533.021	531.975	531.369	531.594	531.780	531.802	5
6	531.736	531.377	530.835	530.412	531.350	532.608	532.985	531.915	531.387	531.662	531.786	531.801	6
7	531.715	531.354	530.814	530.466	531.422	532.588	532.966	531.879	531.400	531.682	531.797	531.794	7
8	531.697	531.322	530.787	530.533	531.467	532.569	532.896	531.877	531.413	531.671	531.800	531.788	8
9	531.717	531.297	530.762	530.596	531.497	532.555	532.824	531.865	531.421	531.656	531.827	531.820	9
10	531.756	531.287	530.728	530.645	531.509	532.569	532.776	531.844	531.422	531.705	531.865	531.856	10
11	531.807	531.273	530.693	530.676	531.510	532.638	532.753	531.814	531.419	531.761	531.903	531.871	11
12	531.820	531.254	530.665	530.706	531.497	532.665	532.729	531.776	531.421	531.808	531.914	531.881	12
13	531.793	531.233	530.631	530.726	531.485	532.668	532.704	531.732	531.419	531.844	531.901	531.879	13
14	531.751	531.201	530.604	530.741	531.480	532.669	532.673	531.699	531.419	531.828	531.858	531.878	14
15	531.705	531.183	530.584	530.763	531.477	532.659	532.608	531.671	531.416	531.760	531.777	531.866	15
16	531.657	531.162	530.557	530.783	531.461	532.658	532.515	531.621	531.403	531.755	531.751	531.861	16
17	531.606	531.152	530.519	530.820	531.448	532.689	532.435	531.565	531.393	531.792	531.766	531.850	17
18	531.601	531.163	530.470	530.859	531.432	532.704	532.391	531.520	531.398	531.823	531.776	531.854	18
19	531.578	531.164	530.428	530.911	531.425	532.735	532.340	531.456	531.403	531.843	531.784	531.852	19
20	531.547	531.168	530.401	530.979	531.417	532.804	532.297	531.379	531.436	531.845	531.801	531.838	20
21	531.527	531.156	530.384	531.062	531.412	532.875	532.233	531.354	531.464	531.806	531.812	531.818	21
22	531.511	531.129	530.366	531.148	531.411	532.930	532.161	531.360	531.471	531.736	531.820	531.809	22
23	531.492	531.101	530.349	531.230	531.422	532.996	532.073	531.365	531.446	531.712	531.838	531.798	23
24	531.476	531.078	530.324	531.313	531.468	533.076	532.025	531.359	531.404	531.719	531.856	531.774	24
25	531.460	531.054	530.298	531.379	531.558	533.140	532.023	531.349	531.373	531.736	531.938	531.760	25
26	531.435	531.030	530.272	531.421	531.649	533.187	532.021	531.346	531.380	531.742	531.989	531.760	26
27	531.421	531.006	530.249	531.440	531.719	533.218	532.029	531.320	531.397	531.762	531.964	531.772	27
28	531.406	530.982	530.221	531.442	531.787	533.225	532.049	531.290	531.442	531.750	531.907	531.762	28
29	531.396		530.195	531.435	531.885	533.216	532.071	531.278	531.472	531.703	531.858	531.735	29
30	531.393		530.183	531.414	532.034	533.203	532.067	531.289	531.470	531.689	531.803	531.719	30
31	531.400		530.164		532.198		532.054	531.305		531.713		531.714	31
MEAN	531.620	531.217	530.549	530.833	531.518	532.780	532.526	531.623	531.407	531.706	531.831	531.809	MEAN
MAX	531.820	531.402	530.961	531.442	532.198	533.225	533.192	532.043	531.472	531.845	531.989	531.881	MAX
MIN	531.393	530.982	530.164	530.154	531.293	532.354	532.021	531.278	531.317	531.414	531.738	531.714	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 531.621
MAXIMUM DAILY, 533.225 ON JUN 28
MINIMUM DAILY, 530.154 ON APR 01
MAXIMUM INSTANTANEOUS,
533.229 AT 06:45 PST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 16 N
LONG 116 55 47 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY .116 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1960 ADJ.)

KOOTENAY LAKE OUTFLOW NEAR CORRA LINN - STATION NO. 08NJ158

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	620	869	855	532	1 050	1 190	1 890	1 050	459	470	714	640	1
2	651	1 060	864	547	1 040	1 190	1 870	1 040	430	470	776	566	2
3	680	1 040	847	549	1 020	1 150	1 830	1 080	459	501	841	813	3
4	677	1 030	830	580	1 020	1 370	1 770	1 070	473	453	855	1 090	4
5	668	1 030	818	626	1 030	1 420	1 690	1 070	447	439	759	1 090	5
6	648	1 040	807	648	1 020	1 460	1 660	1 060	450	470	728	1 090	6
7	643	1 020	796	665	1 050	1 410	1 650	974	445	467	685	1 090	7
8	600	988	782	685	1 060	1 450	1 610	932	473	447	671	1 090	8
9	476	1 000	776	722	1 080	1 430	1 510	920	459	450	660	1 080	9
10	479	997	765	733	1 090	1 440	1 430	929	473	447	668	1 160	10
11	555	966	742	739	1 090	1 520	1 400	934	459	470	665	1 220	11
12	753	1 000	725	750	1 090	1 510	1 440	932	464	487	739	1 250	12
13	872	985	714	765	1 090	1 520	1 440	932	459	697	900	1 240	13
14	875	946	711	770	1 090	1 510	1 390	920	450	850	1 160	1 230	14
15	858	949	697	796	1 080	1 540	1 350	906	464	685	765	1 230	15
16	821	954	694	799	1 090	1 530	1 360	909	456	592	464	1 220	16
17	646	926	688	804	1 080	1 570	1 270	909	464	597	479	1 180	17
18	578	926	665	835	1 060	1 560	1 270	915	462	702	476	1 140	18
19	677	934	657	847	1 060	1 540	1 240	917	447	745	484	1 140	19
20	677	937	637	867	1 060	1 580	1 170	816	470	903	487	1 140	20
21	677	926	626	909	1 060	1 620	1 170	719	476	900	504	1 140	21
22	665	926	640	943	1 060	1 680	1 170	682	479	782	493	1 140	22
23	600	917	643	971	1 060	1 720	1 150	671	464	719	623	1 140	23
24	614	906	614	985	1 060	1 760	997	665	476	719	677	1 110	24
25	629	892	609	1 030	1 100	1 800	977	629	473	722	1 100	1 090	25
26	612	892	569	1 030	1 120	1 820	1 000	580	479	722	1 290	1 090	26
27	612	878	578	1 050	1 110	1 840	1 080	600	487	711	1 250	1 130	27
28	609	869	572	1 060	1 170	1 870	1 140	464	467	742	1 080	1 190	28
29	629		552	1 040	1 190	1 910	1 130	450	476	716	1 080	1 170	29
30	612		564	1 060	1 190	1 900	1 120	411	484	716	898	1 130	30
31	790		544		1 190		1 100	479		716		1 140	31
TOTAL	20 503	26 803	21 581	24 337	33 560	46 810	42 244	25 565	13 924	19 507	22 971	34 169	TOTAL
MEAN	661	957	696	811	1 080	1 560	1 360	825	464	629	766	1 100	MEAN
MAX	875	1 060	864	1 060	1 190	1 910	1 890	1 080	487	903	1 290	1 250	MAX
MIN	476	869	544	532	1 020	1 150	977	411	430	439	464	566	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 910
MAXIMUM DAILY, 1 910 ON JUN 29
MINIMUM DAILY, 411 ON AUG 30

DATA CONTRIBUTED BY -
WEST KOOTENAY POWER

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 28 01 N
LONG 117 27 54 W

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 770 000	JUL	3 650 000
FEB	2 320 000	AUG	2 210 000
MAR	1 860 000	SEP	1 200 000
APR	2 100 000	OCT	1 690 000
MAY	2 900 000	NOV	1 980 000
JUN	4 040 000	DEC	2 950 000

TOTAL DISCHARGE, 28 700 000 dam³

KOOTENAY RIVER ABOVE CORRA LINN - STATION NO. 08NJ113

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.361	530.303	528.597	528.556	528.679	530.993	529.440	530.848	531.035	531.145	531.152	531.314	1
2	531.308	529.917	528.503	528.556	528.661	531.260	529.440	530.945	531.068	531.091	531.136	531.469	2
3	531.244	529.376	528.470	528.626	528.613	531.422	529.616	530.763	531.062	531.096	531.031	531.179	3
4	531.259	528.736	528.537	528.643	528.600	531.052	529.931	530.736	531.051	531.209	531.001	530.367	4
5	531.291	528.778	528.503	528.646	528.580	530.540	530.240	530.729	531.087	531.318	531.108	530.221	5
6	531.285	528.530	528.533	528.601	528.625	530.180	530.351	530.611	531.108	531.383	531.208	530.217	6
7	531.267	528.509	528.472	528.489	528.770	530.359	530.340	530.718	531.127	531.414	531.289	530.233	7
8	531.269	528.526	528.571	528.517	529.039	530.335	530.339	530.932	531.128	531.417	531.309	530.233	8
9	531.449	528.756	528.576	528.567	529.127	530.599	530.503	530.940	531.147	531.413	531.389	530.303	9
10	531.458	528.505	528.510	528.592	528.991	530.467	530.859	530.914	531.126	531.445	531.453	530.087	10
11	531.509	528.650	528.531	528.588	528.945	530.155	530.970	530.847	531.149	531.482	531.498	529.483	11
12	531.316	528.640	528.432	528.553	528.877	530.054	530.810	530.801	531.122	531.533	531.412	528.845	12
13	531.032	528.658	528.620	528.512	528.796	530.131	530.647	530.736	531.146	531.352	531.108	528.835	13
14	530.932	528.498	528.580	528.554	528.755	530.103	530.660	530.667	531.149	531.066	529.873	528.840	14
15	530.886	528.611	528.585	528.574	528.793	530.070	530.654	530.656	531.134	531.190	530.695	528.828	15
16	530.890	528.650	528.604	528.611	528.740	530.161	530.664	530.557	531.125	531.332	531.524	528.826	16
17	531.015	528.531	528.578	528.716	528.582	530.082	530.666	530.478	531.113	531.395	531.519	528.943	17
18	531.237	528.632	528.616	528.702	528.664	530.248	530.653	530.345	531.095	531.326	531.536	529.715	18
19	531.072	528.651	528.525	528.697	528.706	530.372	530.798	530.210	531.109	531.268	531.553	530.090	19
20	531.011	528.611	528.533	528.771	528.680	530.374	530.950	530.280	531.134	530.984	531.554	530.003	20
21	530.964	528.546	528.524	528.735	528.545	530.359	530.815	530.614	531.176	530.923	531.540	529.855	21
22	530.940	528.526	528.601	528.792	528.583	530.258	530.645	530.589	531.197	530.963	531.568	529.728	22
23	531.009	528.489	528.445	528.595	528.699	530.053	530.466	530.723	531.191	531.142	531.478	529.623	23
24	530.968	528.573	528.326	528.850	528.889	530.071	530.823	530.759	531.126	531.144	531.446	529.556A	24
25	530.951	528.551	528.305	528.993	528.997	530.063	531.090	530.815	531.082	531.171	530.772	---	25
26	530.927	528.603	528.461	528.889	529.202	530.061	530.986	530.868	531.072	531.172	529.164	---	26
27	530.930	528.556	528.562	528.934	529.400	530.058	530.786	530.822	531.076	531.244	529.149	---	27
28	530.916	528.510	528.556	528.931	529.513	529.963	530.496	530.955	531.151	531.191	530.225	---	28
29	530.864		528.487	528.861	529.558	529.482	530.555	530.986	531.186	531.146	530.430	---	29
30	530.926		528.499	528.775	530.117	529.441	530.595	531.012	531.170	531.113	530.695	---	30
31	530.590		528.607		530.590		530.645	530.996		531.133		---	31
MEAN	531.099	528.711	528.524	528.681	528.946	530.292	530.530	530.740	531.122	531.234	531.027	---	MEAN
MAX	531.509	530.303	528.620	528.993	530.590	531.422	531.090	531.012	531.197	531.533	531.568	---	MAX
MIN	530.590	528.489	528.305	528.489	528.545	529.441	529.440	530.210	531.035	530.923	529.149	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 531.568 ON NOV 22

MAXIMUM INSTANTANEOUS,
531.811 AT 23:27 PST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 8 10 N
LONG 117 28 02 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER AT CANAL FLATS - STATION NO. 08NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.2B	15.0B	17.0B	23.9	67.6	518	479	172	74.1	42.9	35.3	31.7B	1
2	27.9B	17.0B	17.0B	26.4	66.6	442	417	167	71.0	42.3	34.2	29.2B	2
3	26.6B	20.2B	17.2B	28.2	69.4	375	436	152	68.6	40.4	32.4	28.1B	3
4	26.6B	19.0B	17.5B	30.5	67.7	397	392	138	67.9	41.8	31.3	30.0B	4
5	27.3B	25.0B	17.4B	31.1	82.9	389	340	133	66.8	66.2	31.6	31.4B	5
6	29.8B	23.2B	17.7B	32.4	130	331	355	135	65.7	59.5	31.1	31.1B	6
7	30.6B	21.8B	18.0B	32.2	154	304	416	140	66.3	49.0	29.5	30.4	7
8	28.8B	21.0B	18.0B	34.2	139	297	415	134	64.7	44.4	30.2	31.2	8
9	29.3B	21.1B	17.9B	34.6	121	277	393	128	63.3	43.0	31.4	30.0	9
10	30.6B	21.8B	17.8B	31.2	111	314	390E	124	62.9	44.0	32.9	30.5	10
11	22.0B	27.0B	17.8B	30.4	105	475	382E	121	61.9	43.2	37.1	29.6	11
12	19.0B	25.3B	17.6B	31.9	101	433	396E	122	61.2	41.1	41.3	28.3	12
13	21.2B	19.4B	17.3B	31.7	101	353	404E	121	60.7	40.2	42.1	25.8B	13
14	24.0B	15.4B	17.0B	31.1	103	316	355E	119	58.3	40.1	44.5	18.0B	14
15	27.8B	14.0B	17.2B	31.6	104	312	317E	117	57.4	38.6	43.6	16.1B	15
16	26.9B	14.4B	17.4B	33.8	101	338	287A	114	56.4	38.5	41.4	16.4B	16
17	25.7B	16.0B	19.6B	37.9	101	391	262	107	59.6	37.5	38.6	18.2B	17
18	21.7B	16.7B	21.9B	42.7	104	446	237	104	57.0A	35.7	37.4	18.2B	18
19	19.8B	17.7B	21.4	48.7	108	438	220	102	52.9	36.3	35.4	16.5B	19
20	19.0B	20.0B	20.8	58.4	110	432	207	98.5	51.3	36.3	35.3	14.7B	20
21	20.7B	26.0B	22.7	72.3	117	453	191	94.5	50.8	34.5	34.9	14.0B	21
22	23.1B	25.8B	21.6	86.5	122	486	182	101	48.8	34.4	33.7	14.2B	22
23	26.0B	25.3B	19.2	95.5	126	575	184	105	48.4	34.5	35.7	14.0B	23
24	25.0B	24.0B	18.2	102	156	626	188	97.8	48.4	33.6	40.8	12.3B	24
25	24.8B	23.1B	17.8	102	245	610	194	89.6	49.6	33.5	42.5	16.1B	25
26	24.2B	22.1B	18.2	96.0	317	563	204	86.1	47.7	34.5	38.0B	16.3B	26
27	21.5B	20.7B	18.5	89.8	318	524	204	83.2	47.1	35.4	34.8	17.2B	27
28	22.0B	18.0B	18.7	84.0	319	475	196	78.0	46.1	35.5	30.1B	13.4B	28
29	24.4B		19.3	76.8	357	424	184	74.9	44.5	35.2	30.0B	14.4B	29
30	23.0B		20.3	71.4	530	435	174	75.8	44.1	34.3	32.8B	16.0B	30
31	16.9B		21.8		627		174	79.6		34.5		17.7B	31
TOTAL	765.4	584.0	580.2	1 558.5	5 278.2	12 749	9 175	3 514.0	1 724.5	1 240.9	1 070.7	673.1	TOTAL
MEAN	24.7	20.9	18.7	52.0	170	425	296	113	57.5	40.0	35.7	21.7	MEAN
MAX	30.6	27.0	22.7	102	627	626	479	172	74.1	66.2	44.5	31.7	MAX
MIN	16.9	14.0	17.0	23.9	66.4	277	174	74.9	44.1	33.5	29.3	13.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 107
MAXIMUM DAILY, 627 ON MAY 31
MINIMUM DAILY, 13.7B ON DEC 28
MAXIMUM INSTANTANEOUS,
683 AT 03:20 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 52 N
LONG 115 47 57 W
DRAINAGE AREA, 5 390 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	66 100	JUL	793 000
FEB	50 500	AUG	304 000
MAR	50 100	SEP	149 000
APR	135 000	OCT	107 000
MAY	456 000	NOV	92 500
JUN	1 100 000	DEC	58 200

TOTAL DISCHARGE, 3 360 000 dam³

KOOTENAY RIVER AT FORT STEELE - STATION NO. 08NG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	62.7	31.9	36.0	51.7	149	960	853	291	136	75.8	74.3	76.3	1
2	63.1	31.0	36.1	60.5	143	886	802	279	128	76.9	73.7	73.4	2
3	59.3	35.6	36.7	73.9	143	769	739	263	126	79.1	71.9	73.3	3
4	58.1	42.4	36.5	84.4	145	723	727	241	119	77.4	71.0	72.6	4
5	57.9	45.5	36.8	88.4	170	727	619	225	115	116	71.1	75.3	5
6	59.3	43.1	36.8	89.2	246	661	590	218	111	151	70.1	74.4	6
7	61.4	40.7	37.3	91.6	333	605	652	218	109	120	67.9	73.7	7
8	61.9	40.0	38.1	95.7	321	594	658	215	107	103	67.1	71.8	8
9	61.0	38.0	38.8	99.7	279	557	622	205	104	94.8	69.1	71.8	9
10	62.6	40.0	38.2	97.3	249	582	610	198	103	91.3	75.0	72.9	10
11	57.8	42.5	38.4	91.6	229	838	604	194	101	88.8	96.8	73.2	11
12	46.9	46.1	38.1	87.7	200	872	599	193	99.6	86.7	109	72.2	12
13	45.0	41.1	37.8	87.3	215	733	610	193	98.6	84.5	106	66.1	13
14	51.9	29.5	37.7	86.5	218	617	604	189	95.4	82.8	106	50.4	14
15	56.2	27.0	37.6	87.0	221	562	542	185	92.7	80.3	106	47.2	15
16	56.8	26.3	37.3	91.1	216	575	487	183	91.3	77.9	99.5	48.0B	16
17	54.5	27.3	38.1	99.1	213	647	453	176	95.4	76.7	93.1	49.3	17
18	47.0	27.8	39.3	111	215	728	413	168	95.4	75.0	88.1	47.6B	18
19	41.3	29.6	40.1	127	225	783	378	162	89.7	74.6	83.7	45.4	19
20	42.2	32.2	41.2	150	228	802	355	160	86.6	73.9	81.3	42.7A	20
21	42.2	34.7	42.5	180	234	849	331	156	85.3	73.8	79.0	42.0B	21
22	45.5	38.6	42.7	204	237	860	313	155	83.8	73.6	77.0	43.2B	22
23	48.0	40.0	40.7	224	250	918	305	164	81.8	72.9	78.0	45.0B	23
24	47.7	40.4	37.6	232	298	1 000	307	173	81.5	73.3	89.2	47.8B	24
25	47.4	40.3	36.2	232	421	1 050	320	160	80.8	72.6	110	49.8B	25
26	47.3	40.3	37.3	218	527	1 050	376	159	80.1	71.5	103	49.6B	26
27	39.6	37.5	39.1	200	554	994	369	153	80.0	72.0	91.0	46.0B	27
28	32.4	37.3	40.1	188	523	908	352	139	79.4	72.6	79.6	40.0B	28
29	45.0		41.3	178	511	811	341	126	77.9	73.1	78.3	42.0B	29
30	45.2		41.7	159	524	773	305	124	76.5	73.6	80.4	47.8B	30
31	37.5		46.2		946		293	131		73.5		50.0B	31
TOTAL	1 594.5	1 028.6	1 202.7	3 860.6	9 703	23 434	15 510	5 805	2 901.8	2 584.9	2 546.7	1 778.8	TOTAL
MEAN	51.4	36.7	38.8	129	313	781	500	187	96.7	83.4	84.9	57.4	MEAN
MAX	63.1	46.1	46.2	232	946	1 050	853	291	136	151	110	76.3	MAX
MIN	37.3	26.3	36.0	51.7	143	557	293	127	76.5	71.5	67.1	40.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 197
MAXIMUM DAILY, 1 050 ON JUN 25
MINIMUM DAILY, 26.3 ON FEB 16
MAXIMUM INSTANTANEOUS
1 060 AT 19:19 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 43 N
LONG 115 38 04 W
DRAINAGE AREA, 11 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	1 340 000
FEB	88 900	AUG	502 000
MAR	104 000	SEP	251 000
APR	334 000	OCT	223 000
MAY	838 000	NOV	220 000
JUN	2 020 000	DEC	154 000

TOTAL DISCHARGE, 6 210 000 dam³

KOOTENAY RIVER AT KOOTENAY CROSSING - STATION NO. 08NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.08 E	0.391B	0.379	0.376	7.49	40.2	31.0	9.49	3.67	1.72	1.25	1.07 B	1
2	1.07 E	0.440B	0.374	0.411	7.49	36.6	28.0	8.90	3.48	1.68	1.17	0.952	2
3	0.990E	0.580B	0.405	0.561	7.60	33.7	29.3	8.30	3.38	1.64	1.05	1.07	3
4	1.00 E	0.676	0.368	0.917	7.81	35.9	25.8	7.59	3.19	1.81	1.04	1.09	4
5	1.04 E	0.505	0.364	1.25	9.82	35.1	23.0	7.44	3.08	2.28	1.01	1.05	5
6	1.05 E	0.482	0.365	1.50	13.2	31.2	26.5	7.49	3.03	2.09	0.855	1.05	6
7	1.08 E	0.484B	0.359	1.94	13.3	28.5	30.5	7.86	2.97	1.96	0.869	1.10	7
8	1.06 E	0.478	0.360	2.26	13.0	27.3	28.2	7.37	2.86	1.85	0.966	0.998	8
9	1.06 E	0.471B	0.363	2.10	11.8	25.2	26.3	6.68	2.79	1.80	0.917	0.991	9
10	1.11 E	0.459	0.375	1.78	10.9	27.1	25.9	6.44	2.80	1.78	0.997	0.996	10
11	0.940E	0.474	0.372	1.68	10.4	36.8	25.1	6.37	2.74	1.82	1.30	0.960	11
12	0.710E	0.474	0.369	1.68	10.2	40.1	25.3	6.12	2.65	1.75	1.46	0.850B	12
13	0.760E	0.350B	0.367	1.70	10.3	37.2	25.5	5.90	2.52	1.70	1.60	0.720	13
14	0.880E	0.280B	0.362	1.86	10.1	34.4	25.6	5.83	2.56	1.64	2.06	0.671B	14
15	1.04 E	0.256B	0.359	2.19	10.8	33.1	20.3	5.83	2.29	1.60	1.88	0.722B	15
16	1.02 E	0.240B	0.357	2.64	10.2	32.9	17.7	5.63	2.54	1.54	1.67	0.794	16
17	0.960E	0.284B	0.354	3.24	9.99	34.7	16.2	5.35	2.92	1.47	1.55	0.798B	17
18	0.822E	0.300B	0.352	4.19	10.2	36.3	14.3	4.95	2.82	1.49	1.42	0.782B	18
19	0.715E	0.322B	0.352	5.36	10.8	35.3	12.5	4.73	2.59	1.42	1.39	0.570B	19
20	0.568E	0.348B	0.350	6.46	11.2	33.4	11.5	4.60	2.48	1.34	1.35	0.440B	20
21	0.612E	0.395B	0.351	7.78	11.7	33.3	10.9	4.53	2.40	1.28	1.24	0.415B	21
22	0.643E	0.450B	0.347	8.93	12.0	35.2	10.7	5.71	2.24	1.23	1.21	0.478B	22
23	0.660A	0.453B	0.326B	11.5	12.5	39.8	11.0	6.22	2.14	1.16	1.39	0.522B	23
24	0.638	0.386	0.302B	12.2	13.5 E	42.9	11.3	5.37	2.12	1.12	1.80	0.554B	24
25	0.629	0.388	0.300B	11.5	17.0 E	43.1	12.3	4.80	2.07	1.07	1.57	0.563B	25
26	0.610	0.379	0.317B	10.7	22.7 E	41.8	11.8	4.73	2.02	1.17	1.22	0.567B	26
27	0.595B	0.378B	0.325B	10.0	25.2 E	38.0	11.2	4.55	1.96	1.19	0.960	0.528B	27
28	0.557	0.378B	0.325	9.44	23.5 E	33.5	10.7	4.39	1.90	1.21	1.19	0.488B	28
29	0.558		0.331	8.56	23.0 E	30.5	10.3	4.19	1.79	1.23	1.24	0.526B	29
30	0.554B		0.336	7.86	25.6 E	30.3	10.1	3.93	1.68	1.23	1.24	0.580B	30
31	0.432B		0.348		44.0 E		9.83	3.76		1.19		0.624B	31
TOTAL	25.443	11.501	10.916	142.565	465.50	1 042.8	587.63	184.70	77.44	47.44	38.864	23.519	TOTAL
MEAN	0.821	0.411	0.352	4.75	15.0	34.8	19.0	5.96	2.58	1.53	1.30	0.759	MEAN
MAX	1.11	0.676	0.405	12.2	45.6	43.1	31.0	9.49	3.67	2.28	2.06	1.10	MAX
MIN	0.432	0.240	0.300	0.376	7.49	25.2	9.83	3.76	1.68	1.07	0.855	0.415	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.28
MAXIMUM DAILY, 45.6E ON MAY 30
MINIMUM DAILY, 0.240B ON FEB 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 116 02 35 W
DRAINAGE AREA, 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 200	JUL	50 800
FEB	994	AUG	16 000
MAR	943	SEP	6 690
APR	12 300	OCT	4 100
MAY	40 200	NOV	3 360
JUN	90 100	DEC	2 030

TOTAL DISCHARGE, 230 000 dam³

KOOTENAY RIVER AT NELSON - STATION NO. 08NJ009

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.643	531.133	530.633	529.978	530.995	532.007	532.529	531.726	531.247	531.346	531.552	531.633	1
2	531.577	531.081	530.615	529.972	530.970	532.142	532.501	531.743	531.268	531.312	531.581	531.689	2
3	531.589	530.989	530.591	529.988	530.944	532.212	532.475	531.698	531.276	531.337	531.566	531.656	3
4	531.600	530.974	530.570	530.043	530.919	532.217	532.463	531.677	531.274	531.420	531.551	531.465	4
5	531.613	530.979	530.547	530.109	530.916	532.143	532.429	531.660	531.292	531.511	531.570	531.418	5
6	531.601	530.954	530.527	530.158	530.934	532.119	532.403	531.590	531.313	531.576	531.606	531.425	6
7	531.587	530.939	530.512	530.207	531.011	532.084	532.376	531.568	531.331	531.596	531.637	531.427	7
8	531.562	530.907	530.486	530.259	531.068	532.081	532.330	531.613	531.338	531.588	531.633	531.422	8
9	531.627	530.908	530.475	530.318	531.098	532.115	532.283	531.611	531.348	531.588	531.698	531.455	9
10	531.648	530.883	530.447	530.366	531.105	532.091	532.286	531.596	531.338	531.630	531.750	531.468	10
11	531.724	530.861	530.415	530.393	531.104	532.113	532.287	531.559	531.343	531.676	531.780	531.418	11
12	531.696	530.871	530.388	530.409	531.094	532.108	532.255	531.523	531.330	531.728	531.768	531.405	12
13	531.593	530.882	530.372	530.427	531.082	532.132	532.203	531.472	531.336	531.706	531.709	531.394	13
14	531.534	530.835	530.349	530.443	531.071	532.127	532.178	531.424	531.338	531.622	531.464	531.385	14
15	531.479	530.820	530.319	530.460	531.075	532.119	532.133	531.397	531.335	531.597	531.489	531.374	15
16	531.445	530.810	530.300	530.488	531.057	532.124	532.065	531.344	531.323	531.625	531.681	531.358	16
17	531.435	530.774	530.292	530.506	531.040	532.143	532.014	531.295	531.316	531.672	531.691	531.356	17
18	531.500	530.777	530.260	530.540	531.035	532.170	531.972	531.233	531.299	531.673	531.705	531.420	18
19	531.442	530.788	530.226	530.581	531.030	532.198	531.953	531.171	531.316	531.669	531.718	531.482	19
20	531.398	530.786	530.196	530.637	531.023	532.264	531.955	531.114	531.346	531.606	531.718	531.452	20
21	531.363	530.776	530.166	530.703	531.013	532.321	531.886	531.160	531.383	531.553	531.722	531.407	21
22	531.343	530.764	530.183	530.778	531.009	532.366	531.793	531.176	531.397	531.504	531.741	531.373	22
23	531.346	530.740	530.166	530.840	531.019	532.400	531.696	531.190	531.392	531.542	531.733	531.344	23
24	531.325	530.725	530.125	530.913	531.057	532.464	531.708	531.204	531.332	531.559	531.740	531.340	24
25	531.308	530.700	530.103	530.977	531.134	532.522	531.773	531.209	531.295A	531.564	531.680	531.370	25
26	531.281	530.682	530.072	531.012	531.236	532.554	531.745	531.214	531.291	531.571	531.500	531.376	26
27	531.282	530.664	530.047	531.033	531.317	532.584	531.722	531.187	531.299	531.610	531.481	531.375	27
28	531.270	530.649	530.022	531.053	531.383	532.586	531.678	531.195	531.353	531.581	531.503	531.358	28
29	531.241		530.008	531.037	531.459	532.558	531.704	531.203	531.392	531.537	531.506	531.270	29
30	531.263		529.987	531.020	531.636	532.537	531.711	531.203	531.380	531.517	531.496	531.253	30
31	531.192		529.985		531.808		531.704	531.227		531.538		531.271	31
MEAN	531.468	530.845	530.303	530.522	531.117	532.253	532.071	531.393	531.327	531.566	531.632	531.414	MEAN
MAX	531.724	531.133	530.633	530.977	531.808	532.586	532.529	531.743	531.397	531.728	531.780	531.689	MAX
MIN	531.192	530.649	529.985	529.972	530.916	532.007	531.678	531.114	531.247	531.312	531.464	531.253	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 531.329
MAXIMUM DAILY, 532.586 ON JUN 28
MINIMUM DAILY, 529.972 ON APR 02
MAXIMUM INSTANTANEOUS,
532.593 AT 15:44 PST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 33 N
LONG 117 16 46 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1931
DRAINAGE AREA,
45 300 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY .128 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER BELOW CORRA LINN - STATION NO. 08NJ114

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	513.004	513.003	513.016	513.004	513.383	513.702	515.460	513.264	513.078	513.080	513.077	513.078	1
2	513.010	513.163	513.016	513.008	513.369	513.703	515.427	513.194	513.080	513.082	513.083	513.075	2
3	513.003	513.316	513.014	513.003	513.369	513.694	515.325	513.368	513.077	513.083	513.082	513.168	3
4	512.993	513.315	513.013	513.003	513.367	514.372	515.227	513.371	513.071	513.209	513.080	513.358	4
5	512.990	513.314	513.015	513.014	513.356	514.651	515.069	513.379	513.073	513.176	513.083	513.350	5
6	512.995	513.323	513.016	513.013	513.373	514.926	515.000	513.390	513.062	513.078	513.078	513.360	6
7	512.992	513.319	513.010	513.019	513.360	514.666	514.957	513.150	513.074	513.076	513.080	513.349	7
8	513.005	513.321	513.012	513.015	513.350	514.564	514.902	513.060	513.078	513.077	513.083	513.346	8
9	512.997	513.324	513.011	513.013	513.366	514.898	514.760	513.082	513.078	513.196	513.080	513.353	9
10	512.999	513.315	513.009	513.016	513.369	515.514	514.555	513.084	513.077	513.358	513.084	513.573	10
11	513.007	513.320	513.010	513.043	513.372	515.160	514.514	513.085	513.073	513.335	513.099	513.842	11
12	513.004	513.207	513.007	513.052	513.361	514.953	514.572	513.084	513.071	513.247	513.161	514.041	12
13	513.001	513.078	513.001	513.045	513.357	514.746	514.601	513.077	513.080	513.436	513.655	514.079	13
14	513.000	513.010	512.999	513.037	513.336	514.765	514.536	513.079	513.089	513.454	514.113	513.952	14
15	513.007	512.996	513.008	513.036	513.344	514.743	514.441	513.095	513.090	513.333	513.196	513.938	15
16	513.008	513.023	513.005	513.040	513.333	514.796	514.284	513.084	513.077	513.171	513.080	513.894	16
17	513.023	513.010	512.997	513.036	513.330	514.807	514.196	513.065	513.084	513.156	513.078	513.755	17
18	513.037	513.029	512.998	513.035	513.334	514.766	514.129	513.066	513.089	513.093	513.082	513.564	18
19	513.026	513.012	512.996	513.038	513.330	514.761	513.815	513.064	513.087	513.089	513.086	513.558	19
20	513.010	513.019	512.992	513.032	513.329	514.845	513.654	513.060	513.086	513.083	513.087	513.543	20
21	513.011	513.013	512.993	513.035	513.297	514.915	513.666	513.063	513.022	513.083	513.079	513.561	21
22	513.008	513.009	513.009	513.083	513.245	515.030	513.669	513.077	513.080	513.106	513.082	513.566	22
23	513.033	513.008	513.008	513.095	513.242	515.139	513.621	513.077	513.077	513.116	513.081	513.562	23
24	513.025	513.010	513.010	513.142	513.295	515.215	513.354	513.078	513.034	513.090	513.081	513.463	24
25	513.008	513.017	513.014	513.297	513.409	515.282	513.209	513.089	513.100	513.086	513.605	513.374	25
26	513.007	513.016	513.003	513.407	513.488	515.325	513.250	513.077	513.082	513.086	514.203	513.377	26
27	513.007	513.017	512.999	513.398	513.599	515.361	513.461	513.071	513.078	513.082	514.083	513.496	27
28	513.006	513.016	512.998	513.429	513.655	515.438	513.591	513.081	513.074	513.084	513.380	513.713	28
29	513.008		513.004	513.388	513.716	515.495	513.598	513.080	513.072	513.084	513.377	513.671	29
30	513.013		513.003	513.384	513.712	515.473	513.615	513.081	513.074	513.079	513.182	513.568	30
31	513.013		513.004		513.713		513.469	513.076		513.086		513.597	31
MEAN	513.008	513.126	513.006	513.106	513.402	514.857	514.256	513.127	513.076	513.155	513.253	513.549	MEAN
MAX	513.037	513.324	513.016	513.429	513.716	515.514	515.460	513.390	513.100	513.454	514.203	514.041	MAX
MIN	512.990	512.996	512.992	513.003	513.242	513.694	513.209	513.060	513.022	513.076	513.077	513.075	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 513.411
MAXIMUM DAILY, 515.514 ON JUN 10
MINIMUM DAILY, 512.990 ON JAN 05
MAXIMUM INSTANTANEOUS,
515.654 AT 03:32 PST ON JUN 06

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 08 N
LONG 117 28 05 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER NEAR SKOOKUMCHUCK - STATION NO. 08NG053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.7	17.4	24.3	32.1	85.7	608	575	208	97.4	52.2	45.1	39.1	1
2	34.4	19.2	24.5	35.7	84.2	550	502	201	92.8	51.6	42.2	36.2	2
3	31.8	25.8	24.6	39.3	83.7	483	504	186	88.2	51.2	38.8	35.2	3
4	31.5	32.6	24.3	41.2	86.0	481	466	171	85.1	51.6	38.4	39.3	4
5	33.2	30.5	24.9	42.3	102	482	401	166	83.0	93.7	39.2	40.3	5
6	33.5	29.3	25.0	43.1	148	429	407	166	81.7	87.7	37.9	38.3	6
7	35.0	27.6	25.6	44.4	190	394	459	169	79.3	68.5	35.6	37.7	7
8	33.8	26.3	27.5	46.3	177	387	462	168	78.3	59.8	36.9	36.6	8
9	33.9	25.6	26.5	47.3	157	363	432	163	76.8	56.4	39.3	39.3	9
10	36.1	25.2	25.8	44.4	143	399	426	157	75.4	55.7	42.5	39.7	10
11	30.7	32.1	26.4	42.3	135	551	415	156	74.9	55.1	51.9	38.9	11
12	22.2	30.8	25.6	42.5	131	535	419	157	73.6	53.0	56.3	36.0	12
13	24.3	24.8	25.8	43.0	130	448	431	159	74.2	51.5	55.2	29.4	13
14	30.6	18.0	25.4	42.5	132	395	444	157	71.7	50.4	57.2	22.2	14
15	33.7	15.7	24.9	43.4	134	381	371	155	69.7	48.9	57.0	24.7	15
16	32.5	18.9	25.3	45.9	130	402	335	150	70.1	47.9	52.5	27.3	16
17	31.8	19.9	26.6	49.8	129	451	314	143	72.3	46.7	50.0	30.0	17
18	26.0	20.1	27.3	55.6	131	508	284	137	69.2	46.5	48.0	31.8	18
19	23.2	20.8	27.9	64.2	137	513	262	135	64.2	46.0	46.3	20.5	19
20	22.4	22.9	28.4	76.4	140	522	245	133	61.9	44.4	45.0	14.9	20
21	24.2	26.6	28.5	92.0	145	544	229	128	59.9	43.9	42.7	14.5E	21
22	27.6	29.9	29.5	108	150	558	218	130	58.5	43.4	43.2	16.5E	22
23	31.0	30.2	54.3	119	156	628	219	143	57.7	42.6	45.5	18.2E	23
24	29.6	28.5	52.4	126	197	695	222	135	58.2	41.4	50.9	19.3E	24
25	29.7	28.4	52.2	126	272	725	238	125	58.8	41.6	55.2	20.0E	25
26	29.5	27.9	23.8	120	339	692	268	125	58.9	42.5	47.5	20.2E	26
27	25.7	25.9	24.4	113	342	639	251	115	58.4	44.2	41.5	18.5E	27
28	25.9	24.5	25.1	106	346	572	241	101	56.7	43.8	37.3	17.0E	28
29	29.1		25.6	97.9	386	513	221	97.4	54.6	43.6	41.6	18.0E	29
30	28.5		26.8	90.0	534	518	211	96.9	53.1	43.0	42.5	20.0E	30
31	19.1		29.2		660		210	105		44.3		21.7E	31
TOTAL	915.2	705.4	796.1	2 019.6	6 102.6	15 366	10 652	4 535.3	2 115.1	1 593.0	1 362.2	861.3	TOTAL
MEAN	29.5	25.2	25.7	67.3	197	512	344	146	70.5	51.4	45.4	27.8	MEAN
MAX	36.1	32.6	29.2	126	660	725	575	208	97.4	93.7	57.2	40.3	MAX
MIN	19.1	15.7	22.2	32.1	83.7	363	210	96.9	53.1	41.4	35.6	14.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 129
MAXIMUM DAILY, 725 ON JUN 25
MINIMUM DAILY, 14.5E ON DEC 21
MAXIMUM INSTANTANEOUS,
748 AT 12:55 MST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 38 N
LONG 115 44 08 W
DRAINAGE AREA, 7 120 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 100	JUL	920 000
FEB	60 900	AUG	392 000
MAR	68 800	SEP	183 000
APR	174 000	OCT	138 000
MAY	527 000	NOV	118 000
JUN	1 330 000	DEC	74 400

TOTAL DISCHARGE, 4 070 000 dam³

KUSKANAX CREEK AT 1040 M CONTOUR - STATION NO. 08NE117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.860B	0.755B	0.620B	1.32	4.87	27.2	25.6	5.63	2.54	0.806	2.26	2.48	1
2	0.840B	0.750B	0.635B	1.98	5.07	21.6	23.1	4.73	2.26	0.871	2.17	2.32	2
3	0.835B	0.745B	0.645B	2.35	5.95	18.4	24.6	4.06	1.96	0.940	2.08	2.28	3
4	0.840B	0.745B	0.656	2.56	8.80	19.5	18.4	3.83	1.71	10.1	2.01	2.24	4
5	0.840B	0.750B	0.657	2.82	17.2	17.2	19.7	3.89	1.60	8.91	1.94	2.10	5
6	0.830B	0.730B	0.660	3.17	26.1	15.7	21.8	3.90	1.50	4.01	1.81	1.97	6
7	0.820B	0.725B	0.670	3.46	18.8	18.5	19.2	3.57	1.45	3.06	1.84	1.89	7
8	0.800B	0.725B	0.691	3.75	13.8	17.8	18.5	3.06	1.37	2.63	1.81	1.85	8
9	0.770B	0.720B	0.672	3.79	11.3	17.8	20.6	2.92	1.34	2.67	1.67	1.83	9
10	0.670B	0.735B	0.672	3.55	10.1	28.3	21.0	2.85	1.27	2.82	3.08	1.74	10
11	0.579B	0.775B	0.665	3.30	10.0	30.5	23.0	2.83	1.20	2.46	7.90	1.66	11
12	0.790B	0.815B	0.662	3.09	10.6	22.8	21.9	2.76	1.17	2.42	8.10	1.57	12
13	0.805B	0.780B	0.675	3.00	10.8	17.7	21.7	2.60	1.11	2.21	9.39	1.53	13
14	0.785B	0.680B	0.665	3.06	10.3	16.0	17.3	2.51	1.10	2.12	8.43	1.49	14
15	0.775B	0.670B	0.654	3.36	9.65	17.4	14.5	2.39	1.03	2.06	6.75	1.46	15
16	0.755B	0.705B	0.658	3.92	9.48	23.4	13.4	2.19	1.23	1.99	5.63	1.41	16
17	0.730B	0.695B	0.658	4.84	9.90	29.7	11.6	2.02	1.20	1.91	4.89	1.38	17
18	0.670B	0.665B	0.677	6.11	11.0	28.1	10.2	1.96	1.08	1.90	4.25	1.41	18
19	0.710B	0.670B	0.701	7.78	12.9	27.7	9.51	1.90	1.02	1.80	3.80	1.21	19
20	0.765B	0.695B	0.749	10.1	14.1	33.7	8.85	1.72	0.976	1.73	3.50	1.25 B	20
21	0.800B	0.680B	0.746	11.6	15.0	30.6	8.61	1.78	0.945	1.78	3.23	1.23 B	21
22	0.820B	0.653B	0.725	13.2	14.6	33.2	8.57	2.50	0.913	1.75	3.15	1.20 B	22
23	0.830B	0.650B	0.703	13.5	19.5	36.7	8.29	2.07	0.905	1.64	3.26	1.19 B	23
24	0.815B	0.655B	0.797	13.0	23.1	43.8	9.20	1.69	0.885	1.58	4.35	1.18 B	24
25	0.805B	0.660B	0.770	11.2	24.7	39.3	8.54	1.81	0.882	1.61	3.56	1.17 B	25
26	0.800B	0.640B	0.704	9.37	20.1	34.1	8.63	1.77	0.855	1.88	3.30	1.10 B	26
27	0.795B	0.600B	0.691	7.88	19.2	30.2	8.54	1.53	0.848	1.82	3.13	1.08 B	27
28	0.790B	0.585B	0.693	6.67	24.2	27.5	7.43	1.42	0.845	2.02	2.94	1.05 B	28
29	0.780B		0.732	5.77	31.3	25.1	6.91	1.34	0.817	2.17	2.81	1.03 B	29
30	0.770B		0.793	5.13	33.1	28.5	6.77	1.84	0.812	2.27	2.64	0.980B	30
31	0.760B		0.951		29.4		6.30	2.96		2.40		0.950B	31
TOTAL	24.234	19.653	21.647	174.63	483.92	780.0	454.25	82.03	36.823	78.287	115.76	47.230	TOTAL
MEAN	0.782	0.702	0.698	5.82	15.6	26.0	14.7	2.65	1.23	2.53	3.86	1.52	MEAN
MAX	0.860	0.815	0.951	13.5	33.1	43.8	25.6	5.63	2.54	10.1	9.39	2.48	MAX
MIN	0.579	0.585	0.620	1.32	4.87	15.7	6.30	1.34	0.812	0.806	1.67	0.950	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.35
MAXIMUM DAILY, 43.8 ON JUN 24
MINIMUM DAILY, 0.579B ON JAN 11
MAXIMUM INSTANTANEOUS,
49.7 AT 21:23 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 36 N
LONG 117 31 05 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 090	JUL	39 200
FEB	1 700	AUG	7 090
MAR	1 870	SEP	3 180
APR	15 100	OCT	6 760
MAY	41 800	NOV	10 000
JUN	67 400	DEC	4 080

TOTAL DISCHARGE, 200 000 dam³

KUSKANAX CREEK NEAR NAKUSP - STATION NO. 08NE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.91	2.80	2.22A	6.42	16.8	65.5	62.3	15.1	7.00E	3.01	6.91	8.83	1
2	3.77	2.75	2.26	9.10	16.8	56.7	58.5	14.1	6.45E	3.16	6.46	8.41	2
3	3.67	2.79	2.30	10.2	18.0	49.2	60.7	12.6	5.85E	3.56	6.45	8.27	3
4	3.70	2.75	2.31	10.6	22.1	50.4	49.8	11.8	5.55E	13.7	6.26	8.32	4
5	3.76	2.73	2.27	11.1	35.9	45.0	50.4	11.7	5.25E	19.1	6.03	7.83	5
6	3.71	2.69	2.30	11.8	56.1	40.8	55.9	11.4	5.05E	10.2	5.73	7.47	6
7	3.70	2.68	2.33	12.7	46.0	47.7	50.4	10.9	4.90E	8.20	5.96	7.14	7
8	3.61	2.62	2.41	13.4	35.3	46.4	47.0	10.0	4.75E	7.24	5.78	7.08	8
9	3.63	2.62	2.33	13.4	29.5	44.4	50.5	9.59	4.60E	7.26	7.19	7.00	9
10	3.63	2.76	2.32	12.6	26.7	60.6	51.0	9.54	4.45E	8.70	18.9	6.63	10
11	2.66	3.09	2.27	12.1	25.9	70.1	53.8	9.10E	4.35E	7.10	23.3	6.35	11
12	3.29	2.85	2.25	11.9	26.7	62.3	55.3	8.90E	4.25A	7.38	22.5	6.04	12
13	3.67A	2.49	2.25	11.6	27.3	51.2	49.9A	8.42A	4.21	7.32	26.5	6.01	13
14	3.52E	2.35	2.25	11.8	26.5	44.9	43.0	8.14A	4.04	6.67	24.8	5.83	14
15	3.40E	2.60	2.26	12.4	25.3	46.0	36.8	7.90E	3.95	6.37	20.8	5.74	15
16	3.20E	2.68	2.28	13.6	24.9	54.4	34.5	7.20E	4.51	6.28	18.2	5.54	16
17	3.06A	2.50	2.37	15.3 A	25.4	65.2	30.5	6.80E	4.43	5.96	16.7	5.55	17
18	2.44	2.50B	2.49	17.0	26.8	64.8	26.9	6.50E	3.99	6.04	15.0	5.46	18
19	2.74	2.49B	2.64	19.0	29.9	64.2	25.1	6.20E	3.82	5.79	13.9	5.94	19
20	2.92	2.61	3.04	22.0 E	32.0	71.7	23.9	7.00E	3.69	5.55	12.8	5.40	20
21	2.95B	2.48	3.28	24.2 E	33.9	69.8	23.1	9.00E	3.62	5.78	11.8	3.94	21
22	2.91B	2.48	3.05	26.2 E	33.6	71.3	22.4	7.00E	3.54	5.67	11.7	4.68	22
23	2.88B	2.44	2.84	27.2 E	40.2	75.4	21.7	5.70E	3.41	5.36	11.9	4.60B	23
24	2.84B	2.42	2.80	27.8 E	51.0	84.1	22.2	5.75E	3.36	5.25	14.1	4.50B	24
25	2.81B	2.39	2.77	28.0 E	55.0	80.6	21.5	5.90E	3.32	5.35	12.1	4.40B	25
26	2.90B	2.25B	2.76	26.8 A	47.8	72.5	21.7	5.50E	3.25	6.06	11.0	4.25B	26
27	2.95	2.10B	2.85	24.2	44.8	68.1	21.0	5.25E	3.21	5.78	10.5	4.18B	27
28	2.90	1.90B	2.93	21.3	53.3	65.3	18.9	5.05E	3.14	6.18	9.96	4.04B	28
29	2.88		3.02	19.1	66.1	61.8	17.6	6.00E	3.07	6.47	9.84	3.90B	29
30	2.86		3.41	17.6	70.3	65.8	17.3A	10.1 E	3.00	9.81	9.30	3.70B	30
31	2.75		4.58		66.7		16.1	8.00E		7.36		3.60B	31
TOTAL	99.92	71.81	81.44	500.42	1 135.6	1 816.2	1 139.7	266.14	128.01	214.66	382.37	176.63	TOTAL
MEAN	3.22	2.56	2.63	16.7	36.6	60.5	36.8	8.59	4.27	6.92	12.7	5.70	MEAN
MAX	3.91	3.09	4.58	28.0	70.3	84.1	62.3	15.1	7.00	19.1	26.5	8.83	MAX
MIN	2.44	1.90	2.22	6.42	16.8	40.8	16.1	5.05	3.00	3.01	5.73	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.5
MAXIMUM DAILY, 84.1 ON JUN 24
MINIMUM DAILY, 1.90B ON FEB 28
MAXIMUM INSTANTANEOUS,
95.6 AT 22:53 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 16 39 N
LONG 117 44 53 W
DRAINAGE AREA, 337 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 630	JUL	98 500
FEB	6 200	AUG	23 000
MAR	7 040	SEP	11 100
APR	43 200	OCT	18 500
MAY	98 100	NOV	33 000
JUN	157 000	DEC	15 300

TOTAL DISCHARGE, 520 000 dam³

KWADACHA RIVER NEAR WARE - STATION NO. 07EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.1 B	6.50B	5.88B	8.75B	26.5E	465E	163	89.6	59.4	25.0	14.8B	11.1 B	1
2	10.6 B	6.50B	5.97B	9.05B	29.7E	365E	162	80.5	58.1	24.5	14.6B	11.0 B	2
3	10.2 B	6.50B	6.02B	9.30B	33.0E	304A	147	72.9	53.6	24.1	14.5B	11.1 B	3
4	10.1 B	6.50B	6.12B	9.45B	36.5E	270	135	67.6	48.1	23.7	14.5B	11.1 B	4
5	10.0 B	6.43B	6.24B	9.60B	51.0E	263	131	71.6	45.4	22.2	14.5B	11.7 B	5
6	9.85B	6.38B	6.30B	9.75B	68.0E	264	133	76.4	43.6	21.4	14.5B	11.8 B	6
7	9.50B	6.23B	6.40B	9.85B	69.9E	271	134	86.9	42.7	20.6	14.4B	11.9 B	7
8	9.05B	6.22B	6.45B	10.0 B	66.0E	262	137	77.0	45.1	20.3	14.1B	11.8 B	8
9	8.82B	6.23B	6.52B	10.1 B	59.0E	246	141	71.4	41.9	20.3	13.7B	11.6 B	9
10	8.75B	6.26B	6.59B	10.3 B	59.2E	230	136	70.8	38.7	20.2	13.1B	11.3 B	10
11	8.75B	6.24B	6.55B	10.6 B	62.5E	218	136	76.7	38.6	19.5	12.6B	11.3 B	11
12	8.75B	6.20B	6.75B	10.9 B	64.7E	208	133	82.9	38.1	19.2	12.2B	11.2 B	12
13	8.70B	6.02B	6.80B	11.2 B	65.2E	193	134	87.3	36.8	18.9	11.9B	11.1 B	13
14	8.62B	5.90B	6.83B	11.5 B	64.6E	193	122	87.8	36.0	18.9	11.8B	10.8 B	14
15	8.45B	5.78B	6.88B	11.7 B	71.0E	206	107	83.6	36.7	18.2	11.9B	10.6 B	15
16	8.30B	5.65B	7.02B	11.9 B	86.0E	216	101	75.5	37.3	17.8	11.9B	10.3 B	16
17	8.19B	5.58B	7.30B	12.1 B	96.0E	202	104	72.9	37.0	17.7B	12.0B	9.95B	17
18	8.00B	5.55B	7.45B	12.3 B	107 E	178	99.4	73.1	34.8	17.3B	12.1B	9.65B	18
19	7.90B	5.57B	7.50B	12.6 B	118 E	166	96.5	70.8	32.8	17.0B	12.3B	9.45B	19
20	7.79B	5.58B	7.55B	12.9 B	129 E	154	89.6	71.1	31.0	16.8B	12.4B	9.38B	20
21	7.78B	5.65B	7.50B	13.7 B	138 E	148	89.7	74.6	29.7	16.7	12.5B	9.38B	21
22	7.80B	5.75B	7.38B	15.5 B	162 E	155	95.0	75.6	29.5	16.5	12.2B	9.38B	22
23	7.83B	5.85B	7.22B	17.3 B	191 E	205	100	74.0	31.3	16.5	12.1B	9.30B	23
24	7.85B	5.95B	7.15B	18.8 B	188 E	210	103	62.5	34.6	16.5	12.1B	9.20B	24
25	7.90B	5.98B	7.10B	19.1 B	181 E	175	108	54.9	35.5	16.4	12.1B	9.10B	25
26	7.75B	5.98B	7.12B	19.1 B	173 E	147	106	49.3	32.0	15.8B	12.0B	8.90B	26
27	7.50B	5.95B	7.18B	19.0 B	228 E	140	99.3	46.5	29.0	15.2B	11.9B	8.75B	27
28	7.30B	5.87B	7.38B	19.1 B	285 E	147	91.3	45.8	27.5	15.2B	11.7B	8.62B	28
29	7.02B		7.65B	19.5 B	330 E	150	87.6	47.4	26.9	15.2B	11.5B	8.55B	29
30	6.65B		7.95B	23.4 E	313 E	160	89.5	53.1	26.1	15.2B	11.3B	8.55B	30
31	6.58B		8.28B		350 E		92.0	53.8		15.1B		8.58B	31
TOTAL	263.38	168.80	215.03	398.35	3 901.8	6 511	3 602.9	2 183.9	1 137.8	578.0	383.2	316.64	TOTAL
MEAN	8.50	6.03	6.94	13.3	126	217	116	70.4	37.9	18.6	12.8	10.2	MEAN
MAX	11.1	6.50	8.28	23.4	350	465	163	89.6	59.4	25.0	14.8	11.9	MAX
MIN	6.58	5.55	5.88	8.75	26.5	140	87.6	45.8	26.1	15.1	11.3	8.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.9
MAXIMUM DAILY, 465E ON JUN 01
MINIMUM DAILY, 5.55B ON FEB 18
MAXIMUM INSTANTANEOUS,
489E ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 27 00 N
LONG 125 38 15 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 800	JUL	311 000
FEB	14 600	AUG	189 000
MAR	18 600	SEP	98 300
APR	34 400	OCT	49 900
MAY	337 000	NOV	33 100
JUN	563 000	DEC	27 400

TOTAL DISCHARGE, 1 700 000 dam³

LAKE KOOCANUSA AT INTERNATIONAL BOUNDARY - STATION NO. 08NG079

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.575	5.363	5.307	3.715	---	---	1
2	---	---	---	---	---	---	1.853	5.375	5.314	3.491	---	---	2
3	---	---	---	---	---	---	2.082	5.329	5.324	3.243	---	---	3
4	---	---	---	---	---	---	2.317	5.319	5.315	2.999	---	---	4
5	---	---	---	---	---	---	2.484	5.359	5.295	2.766	---	---	5
6	---	---	---	---	---	---	2.591	5.351	5.271	2.676	---	---	6
7	---	---	---	---	---	---	2.780	5.303	5.252	2.680	---	---	7
8	---	---	---	---	---	---	3.017	5.239	5.256	2.604	---	---	8
9	---	---	---	---	---	---	3.213	5.220	5.255	2.389	---	---	9
10	---	---	---	---	---	---	3.363	5.210	5.253	2.186	---	---	10
11	---	---	---	---	---	---	3.507	5.229	5.242	1.957	---	---	11
12	---	---	---	---	---	---	3.646	5.265	5.235	1.712	---	---	12
13	---	---	---	---	---	---	3.825	5.292	5.230	1.571	---	---	13
14	---	---	---	---	---	---	4.058	5.277	5.217	1.532	---	---	14
15	---	---	---	---	---	---	4.332	5.296	5.225	1.358	---	---	15
16	---	---	---	---	---	---	4.530	5.322	5.244	1.115	---	---	16
17	---	---	---	---	---	---	4.640	5.303	5.230	0.871	---	---	17
18	---	---	---	---	---	---	4.728	5.310	5.117	0.631	---	---	18
19	---	---	---	---	---	---	4.799	5.339	4.964	0.413A	---	---	19
20	---	---	---	---	---	---	4.900	5.322	4.799	---	---	---	20
21	---	---	---	---	---	---	5.009	5.274	4.669	---	---	---	21
22	---	---	---	---	---	---	5.118	5.262	4.639	---	---	---	22
23	---	---	---	---	---	---	5.188	5.241	4.654	---	---	---	23
24	---	---	---	---	---	---	5.241	5.219	4.635	---	---	---	24
25	---	---	---	---	---	---	5.341	5.213	4.518	---	---	---	25
26	---	---	---	---	---	---	5.416	5.238	4.344	---	---	---	26
27	---	---	---	---	---	0.443A	5.395	5.267	4.118	---	---	---	27
28	---	---	---	---	---	0.739	5.351	5.288	3.912	---	---	---	28
29	---		---	---	---	1.051	5.334	5.297	3.812	---	---	---	29
30	---		---	---	---	1.305	5.323	5.290	3.776	---	---	---	30
31	---		---		---		5.329	5.297		---		---	31
MEAN	---	---	---	---	---	---	4.074	5.297	4.914	---	---	---	MEA
MAX	---	---	---	---	---	---	5.416	5.375	5.324	---	---	---	MAX
MIN	---	---	---	---	---	---	1.575	5.210	3.776	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.416 ON JUL 26

MAXIMUM INSTANTANEOUS,
5.436 AT 08:35 MST ON JUL 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 115 10 12 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1972

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 744.035 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LAMBLY CREEK ABOVE TERRACE CREEK - STATION NO. 08NM165

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.095	0.075B	0.091B	0.352	0.768	1.67	0.552	0.162	0.123	0.064	0.093	0.090B	1
2	0.093	0.087B	0.088B	0.496	0.827	1.71	0.572	0.153	0.114	0.067	0.073	0.086B	2
3	0.093	0.096B	0.091B	0.542	0.894	1.71	0.597	0.152	0.102	0.074	0.093	0.098B	3
4	0.093	0.090B	0.096B	0.574	1.06	2.62	0.512	0.147	0.099	0.091	0.099	0.112B	4
5	0.090	0.096B	0.101B	0.633	1.42	1.88	0.485	0.133	0.097	0.091	0.090	0.109	5
6	0.090	0.092B	0.103B	0.710	1.56	1.62	0.622	0.130	0.093	0.084	0.071B	0.110	6
7	0.095	0.086B	0.107B	0.792	1.19	1.87	0.524	0.117	0.087	0.082	0.080B	0.105	7
8	0.096	0.082B	0.101B	0.838	1.06	1.52	0.461	0.117	0.084	0.082	0.095	0.104	8
9	0.095	0.090B	0.098B	0.720	1.02	1.53	0.437	0.113	0.083	0.077	0.095	0.097	9
10	0.096	0.096B	0.104B	0.590	1.00	3.40	0.387	0.111	0.075	0.083	0.128	0.097	10
11	0.082B	0.100B	0.100B	0.566	1.09	3.11	0.362	0.110	0.075	0.082	0.213	0.095	11
12	0.087B	0.084B	0.103B	0.590	1.08	3.00	0.329	0.105	0.074	0.081	0.220	0.090	12
13	0.095	0.074B	0.108B	0.677	1.04	3.16	0.297	0.097	0.074	0.080	0.202	0.086B	13
14	0.089	0.070B	0.114B	0.715	1.13	2.37	0.277	0.096	0.073	0.080	0.164	0.094B	14
15	0.089	0.076B	0.112B	0.812	1.07	1.94	0.255	0.098	0.073	0.085	0.128	0.102	15
16	0.091	0.071B	0.122E	0.884	1.02	1.85	0.237	0.099	0.088	0.092	0.130	0.094B	16
17	0.090	0.066B	0.135E	1.01	1.02	1.68	0.228	0.095	0.104	0.087	0.112	0.100	17
18	0.081B	0.067B	0.148E	1.08	1.07	1.47	0.222	0.110	0.092	0.088	0.087	0.099	18
19	0.080B	0.072B	0.146E	1.14	1.10	1.36	0.209	0.116	0.085	0.086	0.100	0.084B	19
20	0.081B	0.079B	0.141E	1.22	1.05	1.20	0.194	0.101	0.077	0.086	0.094	0.078B	20
21	0.083B	0.089B	0.142A	1.28	1.03	1.09	0.184	0.111	0.071	0.086	0.092	0.075B	21
22	0.086B	0.085B	0.123	1.32	1.24	0.997	0.176	0.118	0.075	0.084	0.112	0.078B	22
23	0.090B	0.088B	0.109	1.42	1.48	0.915	0.200	0.099	0.073	0.084	0.107	0.082B	23
24	0.090B	0.095B	0.116	1.40	1.53	0.820	0.218	0.098	0.068	0.082	0.105	0.086B	24
25	0.097B	0.100B	0.127	1.19	1.47	0.751	0.263	0.163	0.067	0.085	0.087B	0.089B	25
26	0.088B	0.089B	0.133	1.03	1.36	0.661	0.230	0.161	0.067	0.104	0.075B	0.092B	26
27	0.093B	0.088B	0.119	0.974	1.19	0.624	0.200	0.130	0.066	0.105	0.082B	0.088B	27
28	0.096B	0.089B	0.110	0.905	1.32	0.645	0.189	0.111	0.067	0.110	0.090B	0.074B	28
29	0.089B		0.125	0.825	1.79	0.692	0.184	0.105	0.065	0.100	0.099B	0.066B	29
30	0.083B		0.163	0.756	1.68	0.598	0.176	0.163	0.066	0.106	0.094B	0.074B	30
31	0.071B		0.249		1.56		0.174	0.144		0.104		0.085B	31
TOTAL	2.767	2.372	3.725	26.051	37.119	48.463	10.053	3.765	2.457	2.692	3.310	2.819	TOT
MEAN	0.089	0.085	0.120	0.868	1.20	1.62	0.324	0.122	0.082	0.087	0.110	0.091	MEA
MAX	0.097	0.100	0.249	1.42	1.79	3.40	0.622	0.163	0.123	0.110	0.220	0.112	MAX
MIN	0.071	0.066	0.088	0.352	0.768	0.598	0.174	0.095	0.065	0.064	0.071	0.066	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.399
MAXIMUM DAILY, 3.40 ON JUN 10
MINIMUM DAILY, 0.064 ON OCT 01
MAXIMUM INSTANTANEOUS,
4.50 AT 14:40 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 39 N
LONG 119 36 52 W
DRAINAGE AREA, 76.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	239	JUL	869
FEB	205	AUG	325
MAR	322	SEP	212
APR	2 250	OCT	233
MAY	3 210	NOV	286
JUN	4 190	DEC	244

TOTAL DISCHARGE, 12 600 dam³

LANG CREEK NEAR POWELL RIVER - STATION NO. 08GB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.05	6.07	4.31	4.15	2.96	2.49	1.93	0.875	1.21	0.480	2.26	9.84	1
2	3.13	6.43	4.12	4.37	2.90	2.47	1.83	0.847	1.15	0.491	1.53	7.85	2
3	3.00	18.0	4.08	4.13	2.75	22.6	1.73	0.854	1.07	0.502	1.40	13.3	3
4	3.06	14.9	4.38	3.63	2.60	15.8	1.57	0.840	0.993	0.519	1.36	29.7	4
5	3.56	13.9	4.74	3.39	2.36	9.45	1.48	0.847	0.935	0.502	1.43	17.7	5
6	5.74	13.0	4.82	3.31	2.08	7.20	1.45	0.826	0.934	0.491	1.35	12.9	6
7	11.2	11.2	5.35	3.29	2.01	7.36	1.49	0.833	0.955	0.469	1.36	11.2	7
8	10.3	9.81	5.08	3.27	1.83	6.78	1.53	0.799	0.982	0.438	1.32	11.8	8
9	8.17	9.71	5.29	2.97	1.67	7.93	1.42	0.811	1.01	0.502	4.64	11.2	9
10	6.74	13.5	8.13	2.71	1.55	9.20	1.38	0.764	0.932	0.464	11.4	10.8	10
11	5.71	16.4	7.16	2.73	1.45	17.3	1.18	0.777	0.938	0.519	13.5	8.86	11
12	5.33	14.0	5.33	2.96	1.42	21.0	1.08	0.756	0.937	0.610	9.96	7.97	12
13	6.74	11.4	5.25	2.83	1.75	12.9	0.949	0.736	0.881	0.753	11.5	7.63	13
14	8.80	9.40	5.83	2.69	2.15	7.31	1.15	0.860	0.766	5.71	6.83	14
15	8.94	8.48	5.60	2.65	2.11	5.98	1.30	0.826	0.707	4.74	7.59	15
16	9.40	7.83	5.15	2.65	1.98	4.65	1.29	0.734	0.778	0.642	4.87	6.92	16
17	7.73	7.83	5.33	3.26	1.85	4.07	1.28	0.695	0.745	0.740	5.45	9.66	17
18	6.74	7.16	6.94	3.31	1.69	3.68	1.23	0.739	0.718	0.708	6.56	9.50	18
19	5.89	6.54	6.92	3.32	1.60	3.45	1.18	0.771	0.646	0.675	6.50	9.71	19
20	5.06	6.02	7.14	4.09	2.35	3.00	1.13	0.777	0.613	0.773	5.29	6.70	20
21	5.51	5.42	6.94	3.52	4.23	2.61	1.09	0.601	0.612	1.11	4.69	5.80	21
22	8.58	5.03	6.81	3.80	4.05	2.96	1.05	0.545	0.612	1.17	4.42	5.20	22
23	8.37	4.67	5.78	3.63	3.67	2.17	1.03	0.556	0.657	1.29	17.3	4.64	23
24	7.42	4.72	5.02	3.35	3.02	1.62	1.01	0.568	0.617	1.82	15.8	4.36	24
25	7.59	5.01	4.55	3.77	2.57	1.54	0.996	0.735	0.578	9.84	9.71	4.08	25
26	6.92	4.87	3.06	4.15	2.39	1.45	0.974	0.760	0.530	5.33	7.28	3.87	26
27	6.87	4.45	2.99	4.09	2.23	1.34	0.987	0.792	0.519	2.77	6.56	3.63	27
28	7.77	4.37	3.26	4.02	2.11	1.44	0.938	0.791	0.508	2.90	5.47	3.31	28
29	7.57		3.56	3.50	2.04	1.47	0.945	0.791	0.491	5.67	16.5	3.04	29
30	6.87		3.77	3.00	1.88	1.84	0.916	1.08	0.464	9.01	12.9	2.90	30
31	6.07		3.94		2.13		0.902	1.18		3.74		2.75	31
TOTAL	207.83	250.12	160.63	102.54	71.38	191.76	38.417	24.150	23.701	51.401	206.49	261.24	TOTAL
MEAN	6.70	8.93	5.18	3.42	2.30	6.39	1.24	0.779	0.790	1.66	6.88	8.43	MEAN
MAX	11.2	18.0	8.13	4.37	4.23	22.6	1.93	1.18	1.21	9.84	17.3	29.7	MAX
MIN	3.00	4.37	2.99	2.65	1.42	1.34	0.902	0.545	0.464	0.438	1.32	2.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.36
MAXIMUM DAILY, 29.7 ON DEC 04
MINIMUM DAILY, 0.438 ON OCT 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 47 50 N
LONG 124 22 48 W
DRAINAGE AREA, 128 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 000	JUL	3 320
FEB	21 600	AUG	2 090
MAR	13 900	SEP	2 050
APR	8 860	OCT	4 440
MAY	6 170	NOV	17 800
JUN	16 600	DEC	22 600

TOTAL DISCHARGE, 137 000 dam³

LARDEAU RIVER AT MARBLEHEAD - STATION NO. 08NH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.5	16.5	14.3	23.9	68.7	191	241	105	36.2	22.4	27.1	38.3	1
2	19.4	16.5	14.2	28.5	66.6	182	226	99.9	38.7	22.4	55.7	38.1	2
3	19.1	16.7	14.0	31.1	66.1	172	223	92.6	40.2	25.2	54.9	37.4	3
4	19.1	16.5	13.9	32.5	71.5	171	202	88.4	42.4	39.3	54.4	37.2	4
5	19.0	16.6	13.7	33.6	89.1	163	192	87.1	40.5	56.9	23.5	37.7	5
6	18.9	16.6	13.8	35.2	119	155	197	86.6	39.3	38.0	22.2	36.2	6
7	19.2	16.4	13.9	36.8	114	156	194	84.1	38.4	34.0	22.5	34.9	7
8	18.9	16.4	14.6	39.2	105	152	190	79.3	37.6	32.0	22.3	33.8	8
9	19.4	16.3	14.2	40.3	99.3	147	191	75.8	36.8	31.6	23.6	33.4	9
10	19.8	16.2	14.3	39.7	94.7	164	194	74.2	36.5	34.4	33.9	32.4	10
11	18.5	16.9	14.3	39.2	93.4	186	198	73.7	36.2	31.8	59.9	31.8	11
12	18.3	16.6	14.0	39.7	92.3	176	206	72.6	35.5	32.6	57.3	30.0	12
13	18.8	16.9	13.9	40.2	93.2	163	205	71.6	33.7	32.9	28.8	29.0	13
14	18.4	16.9B	13.9	41.0	91.4	154	195	70.7	32.4	31.3	23.4	28.1	14
15	18.0	16.7B	13.8	43.1	88.6	153	181	68.5	31.9	29.9	58.2	27.5	15
16	17.8A	16.6	13.8	45.8	85.9	160	173	65.7	33.2	30.4	54.7	26.8	16
17	17.6	16.5B	14.2	50.0	85.7	178	163	61.8	33.0	29.1	52.7	26.2	17
18	16.4	16.4B	14.4	54.9	86.8	188	150	59.4	30.8	29.0	49.9	25.6	18
19	16.2	16.3B	15.0	61.8	90.4	193	141	57.5	29.7	28.5	47.0	24.4	19
20	16.2	16.1B	15.8	69.7	92.2	213	133	56.4	28.6	27.6	45.0	25.0B	20
21	16.8	16.0B	16.4	78.6	93.8	215	127	55.4	27.8	27.6	43.2	24.4B	21
22	17.3	15.7	16.4	84.8	95.5	221	124	54.4	27.6	27.6	42.9	24.2B	22
23	17.3	15.4	15.9	91.9	103	242	122	53.8	27.4	26.4	47.0	23.6B	23
24	17.1	15.1	15.6	96.1	119	261	125	50.9	27.4	25.5	55.7	23.2B	24
25	17.2	15.0	15.6	95.3	132	278	122	49.8	27.0	25.1	51.3	23.0B	25
26	16.9	14.7	15.6	90.9	130	283	119	47.9	26.5	26.9	47.1	22.8B	26
27	16.9	14.5	16.0	86.5	129	268	128	44.8	25.2	25.9	44.8	22.4B	27
28	17.1	14.4	16.4	80.9	141	257	118	42.9	24.2	26.3	46.1	22.1B	28
29	17.0		16.7	76.6	158	243	112	41.9	23.9	26.8	40.8	22.0B	29
30	17.0		17.7	71.7	179	243	110	37.0	23.6	27.1	39.2	22.2B	30
31	16.7		20.0		184		108	33.3		28.0		22.4B	31
TOTAL	555.8	451.3	466.3	1 679.5	3 258.2	5 928	5 108	2 050.0	972.2	929.6	1 251.1	886.4	TOTAL
MEAN	17.9	16.1	15.0	56.0	105	198	165	66.1	32.4	30.0	41.7	28.6	MEAN
MAX	19.8	16.9	20.0	96.1	184	283	241	105	42.4	56.9	63.4	38.3	MAX
MIN	16.2	14.4	13.7	23.9	66.1	147	108	33.3	23.6	22.2	22.2	22.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.5
MAXIMUM DAILY, 283 ON JUN 26
MINIMUM DAILY, 13.7 ON MAR 05
MAXIMUM INSTANTANEOUS,
292 AT 05:15 PST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 47 N
LONG 116 58 02 W
DRAINAGE AREA, 1 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 000	JUL	441 000
FEB	39 000	AUG	177 000
MAR	40 300	SEP	84 000
APR	145 000	OCT	80 300
MAY	282 000	NOV	108 000
JUN	512 000	DEC	76 600

TOTAL DISCHARGE, 2 030 000 dam³

LAVENTIE CREEK NEAR THE MOUTH - STATION NO. 08JA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.09 B	0.585B	0.419B	0.520B	3.28	17.8	13.0	7.98	2.87	3.49	1.44	1.08 B	1
2	1.99 B	0.560B	0.419B	0.527B	5.69	18.4	10.6	5.75	2.44	2.48	1.37	1.06 B	2
3	1.85 B	0.540B	0.418B	0.539B	8.53	20.0	10.4	7.90	2.30	2.12	1.34	1.06 B	3
4	1.78 B	0.521B	0.418B	0.550B	11.6	14.8	11.8	7.55	2.71	2.13	1.30B	1.25 B	4
5	1.62 B	0.519B	0.418B	0.564B	14.6	12.2	13.8	8.20	3.10	1.96	1.28B	1.55 B	5
6	1.50 B	0.515B	0.417B	0.594B	10.5	12.0	15.4	9.37	2.75	1.84	1.26B	2.50 B	6
7	1.35 B	0.503B	0.415B	0.608B	7.09	14.3	16.9	6.29	2.65	2.10	1.24B	3.00 B	7
8	1.21 B	0.500B	0.413B	0.640B	6.73	13.5	14.3	5.96	2.93	2.52	1.22B	2.50 B	8
9	1.10 B	0.499B	0.411B	0.670B	7.88	12.1	12.0	7.52	3.12	14.6	1.20B	2.00 B	9
10	1.02 B	0.490B	0.411B	0.700B	8.74	11.2	12.9	9.10	2.73	3.35	1.19B	1.70 B	10
11	0.995B	0.480B	0.410B	0.740B	8.82A	12.6	14.1	10.4	2.94	2.15	1.18B	1.55 B	11
12	0.960B	0.470B	0.415B	0.780B	8.45E	12.9	14.0	11.2	2.98	2.07	5.00B	1.47 B	12
13	0.920B	0.461B	0.420B	0.828B	8.15E	13.8	11.0	9.66	2.65	1.89	7.90B	1.40 B	13
14	0.900B	0.460B	0.423B	0.880B	8.70E	14.3	8.41	6.98	2.96	1.68	2.60B	1.36 B	14
15	0.870B	0.459B	0.428B	0.930B	9.60E	18.3	9.48	6.23	3.10	1.51	2.00B	1.30 B	15
16	0.860B	0.457B	0.431B	0.990B	9.78E	15.1	9.05	5.44	3.45	1.45	1.90B	1.18 B	16
17	0.825B	0.451B	0.440B	1.05 B	9.80E	13.3	6.56	5.84	2.53	1.40	1.70B	1.07 B	17
18	0.800B	0.448B	0.445B	1.11 B	9.95E	13.8	6.08	5.71	2.65	1.48	1.60B	1.03 B	18
19	0.779B	0.441B	0.447B	1.21 B	10.0 E	15.9	8.10	5.81	2.51	1.36	1.45B	1.00 B	19
20	0.760B	0.440B	0.452B	1.28 B	11.1 E	16.4	9.60	6.37	2.60	1.31	1.42B	0.950B	20
21	0.747B	0.440B	0.455B	1.32 B	13.9 E	20.4	10.1	6.93	2.88	1.31	1.35B	0.925B	21
22	0.742B	0.438B	0.460B	1.42 B	13.0 E	22.8	10.9	5.42	2.91	1.26	1.30B	0.915B	22
23	0.741B	0.433B	0.467B	1.50 B	13.4 E	16.6	12.4	3.71	4.23	1.87	1.26B	0.910B	23
24	0.730B	0.430B	0.473B	1.59 B	13.7 E	11.0	12.9	3.22	3.60	8.42	1.23B	0.895B	24
25	0.718B	0.425B	0.480B	1.70 B	14.3 E	11.6	12.7	2.74	3.16	2.71	1.20B	0.880B	25
26	0.700B	0.421B	0.485B	1.84 B	14.7 E	12.7	10.9	2.59	2.24	2.03	1.19B	0.875B	26
27	0.695B	0.420B	0.490B	2.00 B	15.0 E	11.6	8.53	2.60	2.06	2.39	1.19B	0.870B	27
28	0.680B	0.420B	0.494B	2.23 B	16.1 E	14.0	7.95	2.91	5.32	1.96	1.21B	0.855B	28
29	0.671B		0.500B	2.53	16.9 E	13.3	8.75	2.79	2.57	1.73	1.17B	0.850B	29
30	0.650B		0.508B	2.76	17.0 E	16.6	10.8	2.95	2.19	1.62	1.11B	0.840B	30
31	0.625B		0.511B		17.1 A		11.5	3.17		1.53		0.830B	31
TOTAL	31.878	13.226	13.793	34.600	344.09	446.3	344.61	188.31	87.19	82.72	51.80	39.655	TOTAL
MEAN	1.03	0.472	0.445	1.15	11.1	14.9	11.1	6.07	2.91	2.67	1.73	1.28	MEAN
MAX	2.09	0.585	0.511	2.76	17.1	22.8	16.9	11.2	5.32	14.6	7.90	3.00	MAX
MIN	0.625	0.420	0.410	0.520	3.28	11.0	6.08	2.59	2.06	1.26	1.11	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.60
MAXIMUM DAILY, 22.8 ON JUN 22
MINIMUM DAILY, 0.410B ON MAR 11
MAXIMUM INSTANTANEOUS,
27.3 AT 19:53 PST ON JUN 21

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 09 N
LONG 127 32 13 W
DRAINAGE AREA, 86.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 750	JUL	29 800
FEB	1 140	AUG	16 300
MAR	1 190	SEP	7 530
APR	2 990	OCT	7 150
MAY	29 700	NOV	4 480
JUN	38 600	DEC	3 430

TOTAL DISCHARGE, 145 000 dam³

LEE CREEK ABOVE DIVERSIONS - STATION NO. 08MD033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.010E	0.024	0.253E	0.062	0.039	0.025	0.018	---	---	1
2	---	---	---	0.010A	0.020	0.229	0.061	0.038	0.025	0.018	---	---	2
3	---	---	---	0.011	0.021	0.219	0.060	0.039	0.025	0.018	---	---	3
4	---	---	---	0.011	0.022	0.208	0.058	0.035	0.025	0.018	---	---	4
5	---	---	---	0.011	0.024	0.185	0.057	0.036	0.023	0.018	---	---	5
6	---	---	---	0.011	0.029	0.155	0.085	0.033	0.022	0.018	---	---	6
7	---	---	---	0.011	0.033	0.137	0.081	0.032	0.023	0.018	---	---	7
8	---	---	---	0.014	0.037	0.126	0.078	0.034	0.022	0.019	---	---	8
9	---	---	---	0.016	0.039	0.121	0.078	0.032	0.022	0.019	---	---	9
10	---	---	---	0.017	0.037	0.119	0.077	0.031	0.022	0.018	---	---	10
11	---	---	---	0.014	0.039	0.115	0.076	0.030	0.021	0.018	---	---	11
12	---	---	---	0.013	0.041	0.127	0.073	0.031	0.020	0.018	---	---	12
13	---	---	---	0.014	0.045	0.118	0.068	0.030	0.021	0.018	---	---	13
14	---	---	---	0.015	0.053	0.113	0.067	0.031	0.021	0.018	---	---	14
15	---	---	---	0.013	0.056	0.112	0.065	0.030	0.020	0.018	---	---	15
16	---	---	---	0.015	0.056	0.114	0.064	0.029	0.021	0.018	---	---	16
17	---	---	---	0.015	0.060	0.115	0.061	0.030	0.019	0.018	---	---	17
18	---	---	---	0.016	0.069	0.115	0.058	0.029	0.020	0.018	---	---	18
19	---	---	---	0.018	0.079	0.111	0.056	0.028	0.022	0.017	---	---	19
20	---	---	---	0.019	0.092	0.106	0.053	0.029	0.021	0.017	---	---	20
21	---	---	---	0.022	0.102	0.102	0.053	0.029	0.021	0.017	---	---	21
22	---	---	---	0.023	0.101	0.095	0.050	0.027	0.021	0.017	---	---	22
23	---	---	---	0.025	0.097	0.088	0.049	0.028	0.020	0.017	---	---	23
24	---	---	---	0.025	0.097	0.083	0.048	0.028	0.020	0.017A	---	---	24
25	---	---	---	0.025	0.117	0.080	0.045	0.026	0.020	---	---	---	25
26	---	---	---	0.025	0.185	0.078	0.045	0.027	0.019	---	---	---	26
27	---	---	---	0.027	0.253E	0.074	0.042	0.026	0.019	---	---	---	27
28	---	---	---	0.028	0.261E	0.070	0.041	0.026	0.019	---	---	---	28
29	---	---	---	0.025	0.266E	0.066	0.042	0.026	0.019	---	---	---	29
30	---		---	0.024	0.275E	0.063	0.041	0.026	0.018	---	---	---	30
31	---		---		0.269E		0.041	0.026		---	---	---	31
TOTAL	---	---	---	0.523	2.899	3.692	1.835	0.941	0.634	---	---	---	TOTAL
MEAN	---	---	---	0.017	0.094	0.123	0.059	0.030	0.021	---	---	---	MEAN
MAX	---	---	---	0.028	0.275	0.253	0.085	0.039	0.025	---	---	---	MAX
MIN	---	---	---	0.010	0.020	0.063	0.041	0.026	0.018	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.275E ON MAY 30

MAXIMUM INSTANTANEOUS,
0.282 AT 21:40 PST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 07 N
LONG 121 54 05 W
DRAINAGE AREA, 36.3 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	159
FEB	---	AUG	81.3
MAR	---	SEP	54.8
APR	45.2	OCT	---
MAY	250	NOV	---
JUN	319	DEC	---

LEMIEUX CREEK NEAR THE MOUTH - STATION NO. 08LB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.08	1.47B	1.28B	2.31	9.52	11.2	7.71	3.23	1.14	0.445	0.567	1.36	1
2	2.01	1.48B	1.30B	2.76	9.27	10.2	8.10	3.06	1.12	0.423	0.545	1.32	2
3	2.01	1.47B	1.31B	3.21	9.17	9.97	9.45	2.89	1.12	0.385	0.573	1.33 B	3
4	2.11	1.45B	1.33	3.72	9.33	13.6	9.27	2.86	1.08	0.375	0.583	1.33 B	4
5	2.13	1.42B	1.34	3.94	10.3	17.1	8.73	2.85	1.08	0.468	0.619	1.32 B	5
6	2.09	1.39B	1.33	4.17	12.6	17.1	11.7	2.77	1.01	0.454	0.518	1.32 B	6
7	2.08	1.39B	1.35	4.60	12.7	17.6	15.3	2.70	0.948	0.403	0.612	1.31 B	7
8	1.97	1.40B	1.35	5.10	11.5	17.8	14.2	2.64	0.892	0.371	0.651	1.31 B	8
9	1.99	1.42B	1.29	5.30	9.85	17.5	13.7	2.60	0.828	0.445	0.706	1.31 B	9
10	1.91	1.48B	1.29	5.15	9.91	18.7	12.5	2.60	0.769	0.500	0.981	1.30 B	10
11	1.82B	1.47B	1.26	5.01	9.65	24.3	11.2	2.60	0.731	0.505	1.20	1.29 B	11
12	1.76B	1.43B	1.24	5.38	9.33	43.2	10.2	2.57	0.699	0.533	1.36	1.27 B	12
13	1.70B	1.38B	1.25	5.95	9.07	46.9	9.39	2.41	0.666	0.518	1.52	1.25 B	13
14	1.67B	1.36B	1.24	6.81	8.63	41.7	8.76	2.36	0.619	0.531	1.63	1.21 B	14
15	1.59B	1.34B	1.25	7.93	8.25	35.2	8.17	2.34	0.599	0.501	1.57	1.20 B	15
16	1.56B	1.30B	1.25	8.79	8.07	29.8	7.44	2.24	0.594	0.505	1.48	1.07 B	16
17	1.50B	1.29B	1.33	9.70	8.30	55.9	6.84	2.11	0.597	0.509	1.46	1.02 B	17
18	1.47B	1.26B	1.43	11.3	8.81	52.7	6.53	1.98	0.567	0.527	1.41	1.00 B	18
19	1.48B	1.23B	1.54	13.4	9.33	51.4	6.01	1.97	0.539	0.522	1.50	0.970B	19
20	1.55B	1.18B	1.67	15.6	9.17	21.6	5.61	1.97	0.511	0.508	1.59	0.950B	20
21	1.56B	1.25B	1.80	17.8	8.97	19.4	5.31	1.89	0.512	0.554	1.51	0.920B	21
22	1.57B	1.28B	1.78	18.8	8.93	17.5	4.98	1.85	0.478	0.547	1.68	0.900B	22
23	1.58B	1.27B	1.70B	19.6	9.02	15.7	4.71	1.77	0.482	0.540	1.73	0.940B	23
24	1.57B	1.26B	1.69B	22.7	9.45	14.0	4.78	1.79	0.483	0.538	1.65	0.980B	24
25	1.56B	1.26B	1.68B	21.2	10.7	12.5	4.72	1.21	0.465	0.555	1.40	1.05 B	25
26	1.59B	1.27B	1.70B	18.0	12.0	11.3	4.58	1.25	0.453	0.603	1.12	1.14 B	26
27	1.60B	1.26B	1.72	16.7	11.8	10.3	4.20	1.17	0.467	0.598	1.15	1.17 B	27
28	1.59B	1.27B	1.70	14.8	11.3	9.67	3.85	1.15	0.474	0.590	1.15	1.20 B	28
29	1.55B		1.71	12.3	12.0	9.20	3.64	1.13	0.450	0.581	1.59	1.21 B	29
30	1.51B		1.77	10.3	12.6	8.67	3.39	1.18	0.422	0.585	1.48	1.20 B	30
31	1.48B		2.02		11.9		3.30	1.21		0.575		1.19 B	31
TOTAL	53.64	37.73	45.90	302.33	311.33	591.41	238.27	64.75	20.795	15.694	35.525	36.330	TOTAL
MEAN	1.73	1.35	1.48	10.1	10.0	19.7	7.69	2.09	0.693	0.506	1.18	1.17	MEAN
MAX	2.13	1.48	2.02	22.7	12.7	46.9	15.3	3.23	1.14	0.603	1.73	1.36	MAX
MIN	1.47	1.18	1.24	2.31	8.07	8.67	3.30	1.13	0.422	0.371	0.518	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.80
MAXIMUM DAILY, 46.9 ON JUN 13
MINIMUM DAILY, 0.371 ON OCT 08
MAXIMUM INSTANTANEOUS,
49.5 AT 23:19 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 31 N
LONG 120 12 01 W
DRAINAGE AREA, 443 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 630	JUL	20 600
FEB	3 260	AUG	5 590
MAR	3 970	SEP	1 800
APR	26 100	OCT	1 360
MAY	26 900	NOV	3 070
JUN	51 100	DEC	3 140

TOTAL DISCHARGE, 152 000 dam³

LEMON CREEK ABOVE SOUTH LEMON CREEK - STATION NO. 08NJ160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.59	1.13	1.06	2.72	6.07	24.4	18.3	4.35	2.49	1.10	1.46	2.73	1
2	1.59	1.19	1.06	3.39	6.07	21.1	17.1	4.11	2.25	1.09	1.30	2.65	2
3	1.57	1.20	1.08	3.76	6.34	20.4	16.3	3.84	2.10	1.22	1.29	2.64	3
4	1.57	1.23	1.08	3.59	7.39	20.8	13.5	3.69	2.02	1.03	1.29	2.62	4
5	1.51	1.18	1.08	3.54	10.2	18.6	13.5	3.59	1.90	3.44	1.27	2.48	5
6	1.55	1.17	1.10	3.65	14.2	17.2	17.4	3.52	1.80	2.09	1.19	2.47	6
7	1.56	1.16	1.10	3.91	12.8	19.6	16.6	3.48	1.76	1.79	1.27	2.40	7
8	1.54	1.12	1.25	4.33	11.3	18.0	14.2	3.29	1.69	1.72	1.21	2.37	8
9	1.53	1.12	1.17	4.29	10.1	17.5	13.9	3.11	1.64	1.68	1.04	2.43	9
10	1.67	1.21	1.16	4.06	9.59	23.9	14.0	3.09	1.64	1.76	5.71	2.41	10
11	1.45	1.29	1.18	3.90	9.75	22.7	14.1	3.27	1.60	1.58	5.23	2.34	11
12	1.56	1.22	1.09	3.85	9.80	20.6	14.2	3.10	1.56	1.59	4.11	2.33	12
13	1.55	1.15	1.10	3.78	9.56	17.8	14.0	2.99	1.49	1.59	4.44	2.16	13
14	1.42	1.14B	1.12	3.86	9.05	16.4	11.3	2.86	1.48	1.51	4.25	2.14	14
15	1.41	1.14B	1.13	4.11	8.65	16.3	9.70	2.84	1.47	1.47	3.71	2.13	15
16	1.40	1.13B	1.16	4.48	8.40	17.5	8.85	2.71	1.50	1.43	3.46	2.03	16
17	1.34	1.12B	1.20	5.01	8.35	19.2	7.76	2.62	1.48	1.36	3.31	2.11	17
18	1.03B	1.09B	1.29	5.50	8.43	20.5	7.04	2.59	1.39	1.41	3.07	2.01	18
19	1.10B	1.07B	1.39	6.23	8.49	20.9	6.54	2.55	1.35	1.38	2.98	1.90B	19
20	1.20	1.07B	1.58	7.20	8.51	22.6	6.20	2.45	1.32	1.32	2.88	1.84B	20
21	1.25B	1.08B	1.66	8.34	8.83	23.3	5.85	2.46	1.31	1.35	2.74	1.76B	21
22	1.26B	1.06B	1.64	9.98	8.83	24.2	5.87	2.57	1.30	1.36	2.83	1.68B	22
23	1.27B	1.04	1.55	10.6	11.5	26.5	5.73	2.42	1.29	1.37	3.24	1.63B	23
24	1.26B	1.04	1.49	10.3	13.7	30.2	5.55	2.21	1.55	1.53	4.02	1.57B	24
25	1.25B	1.06	1.44	9.32	16.2	32.2	5.85	2.63	1.23	1.33	3.66	1.53B	25
26	1.24	1.03	1.41	8.38	15.0	25.1	6.31	2.69	1.18	1.61	3.16	1.47B	26
27	1.10	1.06	1.44	7.77	14.7	20.5	6.14	2.30	1.18	1.38	3.15	1.42B	27
28	1.22	1.07	1.48	7.22	17.4	19.4	5.23	2.15	1.12	1.52	3.03	1.35B	28
29	1.19		1.54	6.74	23.4	18.5	4.92	2.10	1.10	1.45	2.93	1.29B	29
30	1.21		1.72	6.35	33.4	19.0	4.74	2.90	1.08	1.52	2.83	1.25B	30
31	1.18		2.12		26.8		4.57	2.89		1.69		1.20B	31
TOTAL	42.67	31.57	40.87	170.16	372.81	634.9	315.25	91.37	45.97	49.23	87.05	62.24	TOTAL
MEAN	1.38	1.13	1.32	5.67	12.0	21.2	10.2	2.95	1.53	1.59	2.90	2.01	MEAN
MAX	1.67	1.29	2.12	10.6	33.4	32.2	18.3	4.35	2.49	3.44	5.71	2.73	MAX
MIN	1.03	1.03	1.06	2.72	6.07	16.3	4.57	2.10	1.08	1.09	1.18	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.33
MAXIMUM DAILY, 33.4 ON MAY 30
MINIMUM DAILY, 1.03B ON JAN 18
MAXIMUM INSTANTANEOUS,
38.2 AT 01:41 PST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 51 N
LONG 117 27 00 W
DRAINAGE AREA, 178 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 690	JUL	27 200
FEB	2 730	AUG	7 890
MAR	3 530	SEP	3 970
APR	14 700	OCT	4 250
MAY	32 200	NOV	7 520
JUN	54 900	DEC	5 380

TOTAL DISCHARGE, 168 000 dam³

LIARD RIVER ABOVE BEAVER RIVER - STATION NO. 10BE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	470B	283B	279B	305B	650B	8 080	4 160	1 670	1 070	1 060	631B	415B	1
2	445B	284B	277B	300B	700B	8 410	4 220	1 640	1 110	1 070	640B	411B	2
3	425B	285B	280B	298B	748	8 860	4 290	1 620	1 120	1 090	555B	409B	3
4	405B	284B	287B	295B	869	8 920	4 160	1 590	1 100	1 080	475B	405B	4
5	393B	283B	292B	292B	1 060	8 510	3 950	1 540	1 080	1 060	400B	403B	5
6	390B	281B	290B	290B	1 070	7 430	3 730	1 510	1 090	1 040	311B	406B	6
7	387B	282B	290B	288B	1 150	6 980	3 540	1 520	1 120	1 010	325B	408B	7
8	383B	280B	286B	292B	1 260	6 900	3 400	1 490	1 190	981	341B	407B	8
9	377B	275B	284B	296B	1 390	6 830	3 270	1 540	1 210	951	354B	405B	9
10	375B	280B	287B	300B	1 430	6 650	3 190	1 610	1 180	933	367B	404B	10
11	375B	275B	288B	308B	1 440	6 330	3 100	1 600	1 190	933	374B	403B	11
12	376B	276B	287B	313B	1 470	5 930	2 960	1 550	1 180	936	385B	402B	12
13	378B	275B	292B	320B	1 520	5 600	2 880	1 510	1 160	936	394B	401B	13
14	377B	268B	297B	332B	1 580	5 400	2 820	1 480	1 140	910	404B	400B	14
15	375B	263B	296B	347B	1 660	5 340	2 670	1 450	1 130	879	407B	400B	15
16	366B	262B	295B	365B	1 790	5 350	2 570	1 410	1 130	858A	409B	399B	16
17	364B	265B	292B	380B	1 940	5 280	2 500	1 390	1 120	830E	410B	397B	17
18	355B	268B	286B	400B	2 150	5 080	2 490	1 360	1 100	795E	409B	395B	18
19	348B	269B	282B	415B	2 380	4 730	2 520	1 320	1 100	775E	407B	392B	19
20	349B	268B	280B	430B	2 570	4 390	2 460	1 280	1 100	740E	404B	388B	20
21	352B	264B	279B	440B	2 820	4 130	2 360	1 270	1 090	725E	402B	385B	21
22	351B	262B	282B	448B	3 050	3 950	2 260	1 270	1 080	720E	403B	382B	22
23	347B	266B	284B	455B	3 280	3 890	2 190	1 290	1 090	725E	405B	377B	23
24	339B	265B	286B	465B	3 490	4 020	2 170	1 300	1 070	742E	407B	368B	24
25	329B	267B	287B	485B	3 660	4 190	2 160	1 300	1 070	705E	409B	360B	25
26	315B	277B	290B	500B	3 650	4 260	2 130	1 250	1 070	675E	410B	355B	26
27	303B	280B	297B	525B	3 630	4 270	2 040	1 200	1 090	637E	409B	351B	27
28	295B	285B	299B	555B	3 740	4 260	1 940	1 140	1 120	608B	409B	348B	28
29	290B		302B	580B	4 120	4 240	1 850	1 110	1 120	605B	411B	345B	29
30	286B		305B	600B	4 180	4 180	1 780	1 070	1 090	595B	414B	342B	30
31	284B		307B		7 190		1 700	1 050		607B		338B	31
TOTAL	11 204	7 672	8 965	11 619	72 237	172 390	87 440	43 330	33 510	26 211	12 487	12 001	TOTAL
MEAN	361	274	289	387	2 330	5 750	2 820	1 400	1 120	846	416	387	MEAN
MAX	470	285	307	600	7 190	8 920	4 290	1 670	1 210	1 090	640	415	MAX
MIN	284	262	277	288	650	3 890	1 700	1 050	1 070	595	311	338	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 370
MAXIMUM DAILY, 8 920 ON JUN 04
MINIMUM DAILY, 262B ON FEB 16
MAXIMUM INSTANTANEOUS,
8 970 AT 16:45 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 44 33 N
LONG 124 28 35 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	968 000	JUL	7 550 000
FEB	663 000	AUG	3 740 000
MAR	775 000	SEP	2 900 000
APR	1 000 000	OCT	2 260 000
MAY	6 240 000	NOV	1 080 000
JUN	14 900 000	DEC	1 040 000

TOTAL DISCHARGE, 43 100 000 dam³

LIARD RIVER ABOVE KECHIKA RIVER - STATION NO. 10BE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	168B	138B	139B	148B	355B	3 500	2 180	765	575	642	376B	279B	1
2	164B	139B	138B	147B	370B	4 300	2 240	760	577	656	353B	274B	2
3	163B	140B	141B	145B	398	4 830	2 210	760	556	653	323B	268B	3
4	161B	139B	143B	143B	413	4 700	2 120	743	547	643	301B	264B	4
5	160B	138B	142B	142B	436	3 960	2 010	717	549	634	248B	261B	5
6	160B	137B	141B	143B	479	3 580	1 900	700	568	620	241B	258B	6
7	159B	136B	140B	144B	563	3 460	1 810	683	631	604	255B	255B	7
8	159B	134B	139B	144B	661	3 440	1 720	682	647	577	273B	251B	8
9	158B	133B	138B	143B	713	3 410	1 670	711	640	562	299B	249B	9
10	158B	133B	138B	145B	740	3 330	1 600	757	655	562	300B	247B	10
11	157B	132B	140B	145B	782	3 140	1 530	734	652	572	300B	245B	11
12	157B	132B	141B	148B	823	2 940	1 480	701	644	567	303B	243B	12
13	157B	131B	143B	153B	854	2 810	1 430	684	638	552	305B	241B	13
14	157B	130B	144B	160B	866	2 750	1 350	663	642	536	307B	238B	14
15	157B	129B	145B	164B	920	2 750	1 290	646	638	520	308B	236B	15
16	157B	130B	150B	171B	993	2 730	1 250	640	627	503	306B	233B	16
17	155B	130B	143B	177B	1 070	2 690	1 210	634	621	490	305B	231B	17
18	153B	130B	138B	182B	1 160	2 570	1 200	616	621	476	304B	229B	18
19	152B	129B	137B	183B	1 270	2 420	1 190	596	634	450	298B	226B	19
20	152B	130B	137B	184B	1 380	2 280	1 170	584	630	420	291B	223B	20
21	152B	129B	137B	186B	1 490	2 160	1 110	580	634	400	289B	220B	21
22	151B	128B	138B	192B	1 580	2 060	1 060	585	638	404B	292B	217B	22
23	149B	130B	138B	200B	1 690	2 040	1 040	608	626	432B	294B	214B	23
24	149B	132B	139B	214B	1 840	2 090	1 020	612	620	438B	294B	209B	24
25	141B	133B	141B	227B	1 870	2 130	1 000	610	618	418B	293B	204B	25
26	138B	134B	143B	243B	1 810	2 250	967	601	636	391B	292B	197B	26
27	137B	136B	145B	266B	1 790	2 290	926	578	671	379B	291B	190B	27
28	138B	138B	147B	290B	1 900	2 290	883	552	679	371B	289B	182B	28
29	139B		148B	311B	2 160	2 250	850	537	661	337B	287B	178B	29
30	138B		149B	335B	2 540	2 180	813	525	642	349B	283B	172B	30
31	139B		150B		2 980		781	528		341B		168B	31
TOTAL	4 730	3 730	4 392	5 575	36 896	87 330	43 010	20 092	18 717	15 499	8 900	7 102	TOTAL
MEAN	153	133	142	186	1 190	2 910	1 390	648	624	500	297	229	MEAN
MAX	168	140	150	335	2 980	4 830	2 240	765	679	656	376	279	MAX
MIN	137	128	137	142	355	2 040	781	525	547	337	241	168	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 701
MAXIMUM DAILY, 4 830 ON JUN 03
MINIMUM DAILY, 128B ON FEB 22
MAXIMUM INSTANTANEOUS,
4 930 AT 19:44 PST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 42 04 N
LONG 127 13 39 W
DRAINAGE AREA, 61 600 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	409 000	JUL	3 720 000
FEB	322 000	AUG	1 740 000
MAR	379 000	SEP	1 620 000
APR	482 000	OCT	1 340 000
MAY	3 190 000	NOV	769 000
JUN	7 550 000	DEC	614 000

TOTAL DISCHARGE, 22 100 000 dam³

LIARD RIVER AT LOWER CROSSING - STATION NO. 10BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	300B	221B	219B	240B	520B	5 850	3 410	1 330	970	989	565B	374B	1
2	294B	220B	218B	239B	639	6 870	3 530	1 330	983	999	534B	372B	2
3	286B	222B	221B	237B	660	7 290	3 490	1 310	973	996	521B	369B	3
4	282B	221B	224B	233B	680	7 220	3 330	1 270	957	984	400B	368B	4
5	281B	221B	227B	230B	736	6 400	3 120	1 230	954	973	305B	365B	5
6	279B	220B	228B	227B	807	5 810	2 940	1 200	979	959	280B	363B	6
7	275B	217B	226B	226B	960	5 640	2 810	1 190	1 020	931	295B	360B	7
8	275B	216B	222B	227B	1 070	5 600	2 710	1 210	1 060	899	313B	358B	8
9	274B	215B	221B	231B	1 140	5 580	2 620	1 290	1 040	884	357B	353B	9
10	272B	214B	220B	236B	1 170	5 380	2 560	1 290	1 050	885	342B	351B	10
11	271B	213B	222B	240B	1 200	5 060	2 470	1 260	1 040	890	350B	349B	11
12	272B	214B	223B	238B	1 230	4 750	2 370	1 220	1 030	891	358B	348B	12
13	274B	212B	226B	245B	1 270	4 540	2 310	1 180	1 020	871	367B	346B	13
14	273B	207B	229B	252B	1 310	4 430	2 220	1 170	1 010	847	375B	344B	14
15	272B	206B	230B	262B	1 370	4 430	2 130	1 150	1 010	821	380B	342B	15
16	270B	207B	231B	272B	1 450	4 410	2 010	1 150	1 000	790	385B	339B	16
17	267B	208B	228B	282B	1 580	4 320	1 940	1 140	994	762	382B	338B	17
18	262B	209B	225B	290B	1 760	4 090	1 970	1 110	992	743	379B	337B	18
19	260B	209B	220B	293B	1 940	3 780	1 980	1 070	992	727	373B	335B	19
20	259B	208B	219B	297B	2 140	3 520	1 910	1 050	994	685	367B	333B	20
21	258B	204B	218B	300B	2 320	3 310	1 820	1 030	991	676	364B	328B	21
22	257B	205B	219B	303B	2 470	3 160	1 750	1 040	997	667	362B	324B	22
23	256B	205B	221B	306B	2 640	3 190	1 720	1 080	978	674	363B	320B	23
24	252B	207B	222B	309B	2 850	3 350	1 730	1 090	974	688	365B	313B	24
25	243B	212B	225B	317B	2 910	3 490	1 720	1 070	975	661	370B	306B	25
26	237B	218B	227B	332B	2 800	3 510	1 660	1 040	997	637	371B	300B	26
27	229B	220B	230B	360B	2 770	3 520	1 590	1 000	1 030	583	372B	294B	27
28	226B	222B	233B	400B	2 940	3 520	1 530	964	1 040	562	373B	285B	28
29	222B		237B	440B	3 370	3 470	1 450	943	1 020	561B	374B	280B	29
30	221B		238B	480B	4 040	3 390	1 380	922	995	551B	375B	275B	30
31	220B		239B		4 850		1 340	927		561B		270B	31
TOTAL	8 121	5 973	6 988	8 544	57 592	138 880	69 520	35 256	30 072	24 342	11 287	10 339	TOTAL
MEAN	262	213	225	285	1 860	4 630	2 240	1 140	1 000	785	376	334	MEAN
MAX	300	222	239	480	4 850	7 290	3 530	1 330	1 060	999	565	374	MAX
MIN	220	204	218	226	520	3 160	1 340	922	954	551	280	270	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 110
MAXIMUM DAILY, 7 290 ON JUN 03
MINIMUM DAILY, 204B ON FEB 21
MAXIMUM INSTANTANEOUS,
7 350 AT 23:22 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 45 N
LONG 126 05 50 W
DRAINAGE AREA, 104 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	702 000	JUL	6 010 000
FEB	516 000	AUG	3 050 000
MAR	604 000	SEP	2 600 000
APR	738 000	OCT	2 100 000
MAY	4 980 000	NOV	975 000
JUN	12 000 000	DEC	893 000

TOTAL DISCHARGE, 35 200 000 dam³

LILLOOET LAKE NEAR PEMBERTON - STATION NO. 08MG020

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.019	24.916	---	---	25.564A	26.206	27.397	27.228	26.294	25.831	25.986	25.952	1
2	25.018	24.907	---	---	25.571	26.267	27.304	27.139	26.219	25.780	25.844	25.857	2
3	25.010	24.929	---	---	25.607	26.312	27.131	26.987	26.097	25.597	25.725	25.768	3
4	25.005	24.940	---	---	25.679	26.113	26.963	26.929	26.035	25.797	25.642	25.787	4
5	25.005	24.952	---	---	25.821	26.127	26.874	26.984	26.007	26.218	25.561	25.822	5
6	25.027	24.956	---	---	26.130	26.282	27.025	27.104	26.038	26.100	25.481	25.797	6
7	25.081	24.948	---	---	26.248	26.363	27.202	27.111	26.109	25.900	25.434	25.732	7
8	25.131	24.948	---	---	26.181	26.427	27.307	26.997	26.202	25.729	25.406	25.681	8
9	25.174	24.941	---	---	26.097	26.494	27.370	26.947	26.302	25.571	25.392	25.692	9
10	25.205	24.936	---	---	26.050	26.544	27.383	27.004	26.340	25.492	25.470	25.691	10
11	25.193	24.952	---	---	26.071	26.610	27.411	27.136	26.350	25.419	26.750	25.645	11
12	25.157	24.972	---	---	26.150	26.583	27.573	27.244	26.349	25.359	28.814	25.593	12
13	25.135	24.961	---	---	26.216	26.480	27.796	27.331	26.323	25.309	29.237	25.539	13
14	25.114	24.951	---	---	26.236	26.438	27.793	27.308	26.234	25.259	28.708	25.480	14
15	25.096	24.936	---	---	26.209	26.610	27.687	27.141	26.179	25.211	27.936	25.454	15
16	25.080	24.920	---	---	26.174	26.843	27.621	26.914	26.154	25.172	27.324	25.426	16
17	25.050	24.891	---	---	26.172	26.992	27.471	26.737	26.133	25.128	26.959	25.388	17
18	25.021	24.876	---	---	26.166	27.075	27.268	26.630	26.070	25.112	26.677	25.345	18
19	25.005	24.859	---	---	26.177	27.159	27.122	26.639	25.986	25.110	26.454	25.257	19
20	24.983	24.864	---	---	26.236	27.262	27.040	26.729	25.920	25.093	26.270	25.184	20
21	24.972	24.871	---	---	26.225	27.333	27.018	26.865	25.909	25.070	26.116	25.144	21
22	24.966	24.866	---	---	26.177	27.510	27.050	27.001	25.983	25.062	26.009	25.118	22
23	24.967	24.853	---	---	26.196	27.886	27.116	26.939	26.111	25.052	26.141	25.103	23
24	24.966	24.852	---	---	26.190	28.120	27.175	26.662	26.202	25.051	27.073	25.094	24
25	24.975	24.851	---	---	26.139	28.003	27.104	26.417	26.209	25.561	27.104	25.096	25
26	24.982	24.850	---	---	26.118	27.823	27.126	26.233	26.179	26.918	26.793	25.103	26
27	24.978	24.849	---	---	26.119	27.610	27.208	26.105	26.118	26.812	26.515	25.102	27
28	24.978	24.848A	---	---	26.266	27.409	27.180	26.052	26.039	26.728	26.275	25.073	28
29	24.979		---	---	26.445	27.284	27.143	26.081	25.987	26.586	26.141	25.055	29
30	24.970		---	---	26.284	27.219	27.147	26.140	25.947	26.362	26.062	25.037	30
31	24.935		---		26.238		27.191	26.258		26.163		25.044	31
MEAN	25.038	24.907	---	---	26.102	26.913	27.264	26.806	26.134	25.661	26.510	25.421	MEAN
MAX	25.205	24.972	---	---	26.445	28.120	27.796	27.331	26.350	26.918	29.237	25.954	MAX
MIN	24.935	24.848	---	---	25.564	26.113	26.874	26.052	25.909	25.051	25.392	25.037	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.237 ON NOV 13

MAXIMUM INSTANTANEOUS,
29.293 AT 14:14 PST ON NOV 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 169.335 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 10 N
LONG 122 29 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LILLOOET RIVER NEAR PEMBERTON - STATION NO. 08MG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.2	20.4B	22.2	48.5E	66.2	176	285	230	154	92.9	67.5	71.1	1
2	33.7	20.0B	22.3	53.0E	72.3	154	228	232	132	76.8	61.4	65.0	2
3	33.7	20.0B	22.6	57.1E	89.5	193	200	263	131	65.0	59.8	62.5	3
4	34.2	21.0B	22.7	59.8E	91.6	194	194	283	140	248	56.3	77.5	4
5	34.7	22.4B	22.3	61.6E	128	147	219	283	152	146	53.7	72.0	5
6	37.5	21.3B	23.9	64.0E	152	138	248	240	173	92.9	49.4	63.2	6
7	41.9	20.0B	25.9	67.8E	114	141	260	240	181	71.7	50.4	59.1	7
8	42.8	18.8B	24.8	71.7E	98.0	138	280	262	196	60.1	49.0	65.4	8
9	43.2	17.6B	24.1	75.0E	96.4	129	291	293	187	58.8	49.2	63.9	9
10	41.1	17.6B	24.8	76.0E	107	147	290	311	183	62.0	60.3	59.0	10
11	36.3B	18.2B	23.9	65.0E	119	144	317	331	182	51.7	413	55.4	11
12	35.0B	17.9B	23.1	56.0E	134	133	384	324	172	50.7	591	50.8	12
13	33.0B	17.6B	22.6	57.9E	131	117	371	277	151	48.4	418	48.8	13
14	31.5B	17.7B	23.2	62.1E	115	152	317	235	156	45.3	229	47.2	14
15	30.3B	17.9B	23.0	74.4	110	194	309	205	143	42.7	163	47.1	15
16	29.0B	19.7B	23.4	80.6	118	208	277	195	148	40.0	139	44.0	16
17	28.1B	19.7B	25.3	106	116	198	242	203	133	39.2	130	43.2	17
18	28.0B	21.3B	29.7	121	127	216	233	219	127	40.8	111	41.0B	18
19	28.2B	22.4B	33.2	104	136	232	233	246	123	38.8	102	40.3B	19
20	28.0B	23.8B	34.9	103	125	243	242	270	127	36.3	94.6	39.2B	20
21	26.9B	24.7	36.4	108	110	248	261	293	157	37.8	84.9	38.1B	21
22	25.6B	23.9	36.1	101	112	310	279	250	172	36.6	81.9	36.8B	22
23	24.7B	23.1	34.3	95.3	119	400	268	175	181	35.0	156	35.7B	23
24	24.7	23.1	32.3	95.7	104	355	250	154	169	40.8	222	34.8B	24
25	26.5	22.8	31.6	88.5	102	307	298	140	163	288	134	34.0B	25
26	25.5B	22.7	31.3	79.3	107	283	285	133	145	231	104	32.9B	26
27	24.4B	22.4	31.3	73.6	119	259	269	135	134	119	89.4	32.5B	27
28	23.5B	22.3	32.7	67.5	163	241	276	157	131	163	81.7	32.3B	28
29	22.6B		35.9	63.2	191	235	289	168	138	105	86.1	31.0B	29
30	21.7B		39.8	61.6	188	276	296	171	112	91.8	79.6	30.0B	30
31	21.0B		44.0		179		268	181		77.7		29.7B	31
TOTAL	953.5	580.3	883.6	2 298.2	3 740.0	6 307	8 459	7 099	4 593	2 633.8	4 067.2	1 483.5	TOTAL
MEAN	30.8	20.7	28.5	76.6	121	210	273	229	153	85.0	136	47.9	MEAN
MAX	43.2	24.7	44.0	121	191	400	384	331	196	288	591	77.5	MAX
MIN	21.0	17.6	22.2	48.5	66.2	117	194	133	112	35.0	49.0	29.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 591 ON NOV 12
MINIMUM DAILY, 17.6B ON FEB 09
MAXIMUM INSTANTANEOUS, 757 AT 02:39 PST ON NOV 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 08 N
LONG 122 47 58 W
DRAINAGE AREA, 2 160 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82 400	JUL	731 000
FEB	50 100	AUG	613 000
MAR	76 300	SEP	397 000
APR	199 000	OCT	228 000
MAY	323 000	NOV	351 000
JUN	545 000	DEC	128 000

TOTAL DISCHARGE, 3 720 000 dam³

LIME CREEK NEAR THE MOUTH - STATION NO. 08DB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.670E	0.313B	0.660E	1.08	2.79	5.10	4.31	0.540	0.910	5.00E	1.12	0.560B	1
2	0.635E	0.310B	0.776A	1.47	3.76	4.71	2.88	0.394	0.713	3.31A	1.05	0.553B	2
3	0.590E	0.310B	0.889	1.37	4.61	5.63	2.30	0.486	0.556	2.70E	1.06	0.542B	3
4	0.560E	0.335B	0.973	1.15	4.70	4.75	2.58	0.545	0.713	2.20E	1.34	0.539B	4
5	0.660E	0.353B	0.951	1.12	5.39	3.98	2.22	0.453	1.09	1.80E	1.04	0.530B	5
6	0.580E	0.355B	0.915	1.07	4.78	3.85	2.17	0.444	0.671	1.55E	0.917	1.75 B	6
7	0.480E	0.359B	0.800	1.09	3.40	3.87	1.84	0.408	0.542	3.00E	1.57	5.00	7
8	0.475E	0.360B	0.713	1.02	3.61	4.09	2.07	0.429	0.491	6.00E	1.24	3.03	8
9	0.470E	0.361B	0.675	0.898	4.00	3.89	1.61	0.600	0.394	3.36A	0.967	1.93	9
10	0.463E	0.360B	0.628	0.818	4.29	3.73	4.07	0.478	0.330	1.85A	0.874	1.48	10
11	0.460E	0.350B	0.592	0.796	4.42	3.45	2.01	0.469	0.303	1.80E	0.807	1.18	11
12	0.460E	0.339B	0.580	0.951	3.94	3.27	1.49	0.489A	0.293	1.92E	0.805	1.01	12
13	0.459E	0.320B	0.571	1.54	4.07	4.10	1.36	0.460E	0.272	2.16A	0.780	0.939	13
14	0.458E	0.302B	0.592	1.87	4.74	4.35	1.13	0.439A	0.264	1.93E	0.727	0.872	14
15	0.450E	0.290B	0.693	2.13	4.29	3.58	1.09	0.627	0.266	1.57E	0.715	0.789	15
16	0.435B	0.273B	1.57	2.47	4.13	3.29	1.02	0.458	0.288	1.49E	0.850	0.759	16
17	0.420B	0.265B	1.28	2.99	4.32	2.76	0.940	0.360	0.260	1.44E	0.854	0.730B	17
18	0.410B	0.259B	1.00	3.21	3.90	2.75	0.927	0.327	0.469	1.40E	1.13	0.690B	18
19	0.405B	0.250B	1.42	3.36	3.82	3.41	1.01	0.294	0.417	1.39E	1.29	0.670B	19
20	0.480B	0.270B	1.44	3.22	4.57	3.55	0.993	0.333	0.770A	1.38E	0.937	0.655B	20
21	0.440B	0.400B	1.05	3.18	4.69	5.03	1.01	0.356	0.981A	1.37E	0.831	0.630B	21
22	0.420B	0.385B	0.872	3.02	3.92	3.65	1.02	0.324	0.639	1.38E	0.809	0.610B	22
23	0.400B	0.435B	0.775	2.47	4.41	3.16	1.02	0.284	0.867	1.80E	0.709	0.590B	23
24	0.400B	0.590B	0.718	2.26	4.05	2.07	0.965	0.253	2.71 A	3.00E	0.690B	0.570B	24
25	0.395B	0.500E	0.669	2.09	4.36	2.24	0.907	0.229	1.52 A	1.70E	0.665B	0.555B	25
26	0.385B	0.435E	0.656	2.58	4.87	3.08	0.784	0.212	0.874A	1.90A	0.650B	0.800B	26
27	0.360B	0.465E	0.646	2.66	5.65	2.39	0.631	0.206	0.607A	2.49	0.634	0.760B	27
28	0.342B	0.515E	0.848	2.29	6.29	2.89	0.549	0.228	0.591A	1.80	0.603	0.720B	28
29	0.330B		1.37	2.21	5.69	3.14	0.605	0.459	1.50 E	1.40	0.576	0.700B	29
30	0.325B		1.29	2.57	5.21	4.02	0.703	1.72	2.60 E	1.28	0.570B	0.675B	30
31	0.310B		1.25		5.01		0.829	2.28		1.26		0.668B	31
TOTAL	14.127	10.059	27.962	58.953	137.68	109.75	47.043	15.584	22.901	66.63	26.810	31.486	TOTAL
MEAN	0.456	0.359	0.902	1.97	4.44	3.66	1.52	0.503	0.763	2.15	0.894	1.02	MEAN
MAX	0.670	0.590	1.57	3.36	6.29	5.63	4.31	2.28	2.71	6.00	1.57	5.00	MAX
MIN	0.310	0.250	0.571	0.796	2.79	2.07	0.549	0.206	0.260	1.26	0.570	0.530	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.56
MAXIMUM DAILY, 6.29 ON MAY 28
MINIMUM DAILY, 0.206 ON AUG 27

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 18 N
LONG 129 28 48 W
DRAINAGE AREA, 39.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 220	JUL	4 060
FEB	869	AUG	1 350
MAR	2 420	SEP	1 980
APR	5 090	OCT	5 760
MAY	11 900	NOV	2 320
JUN	9 480	DEC	2 720

TOTAL DISCHARGE, 49 200 dam³

LINDEMAN CREEK NEAR BENNETT - STATION NO. 09AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.18	1.50E	0.980E	0.717	3.71	40.6	32.4	31.7	12.2	21.0	2.70	---	1
2	3.91	1.48E	0.970E	0.725	4.24	42.9	33.7	24.8	10.1	16.1	2.59	---	2
3	3.69	1.45E	0.960E	0.714	4.68	41.4	32.6	21.0	8.88	12.4	2.42	---	3
4	3.49	1.42E	0.950E	0.697	5.12	41.7	30.6	21.8	11.1	9.85	2.27	---	4
5	3.38	1.40E	0.940E	0.655	5.54	44.8	29.6	24.3	15.0	7.86	2.16	---	5
6	3.29	1.38E	0.930E	0.698	5.78	43.0	29.6	23.2	15.4	6.83	2.05	---	6
7	3.11	1.36E	0.920E	0.675	6.05	41.3	31.0	21.0	15.3	6.15	1.96	---	7
8	2.92	1.35E	0.910E	0.648	6.56	40.1	31.7	19.4	13.4	6.41	1.90	---	8
9	2.81	1.34E	0.900E	0.650	7.71	39.7	31.3	20.5	11.3	8.91	1.81	---	9
10	2.64	1.31E	0.890E	0.637	9.84	38.2	29.4	32.1	11.4	8.97	1.66	---	10
11	2.61	1.29E	0.880E	0.619	12.5	34.9	29.3	37.2	12.7	8.07	1.51	---	11
12	2.49	1.26E	0.875E	0.639	14.9	33.2	28.3	36.0	12.9	7.33	1.43	---	12
13	2.33	1.24E	0.870E	0.602	17.1	35.2	26.0	34.8	13.5	6.53	---	---	13
14	2.34	1.22E	0.865E	0.614	19.5	39.5	19.1	31.0	13.3	5.90	---	---	14
15	2.27	1.20E	0.860E	0.623	21.4	37.7	17.5	30.0	28.0	5.37	---	---	15
16	2.23	1.19E	0.855E	0.632	22.9	34.1	16.9	27.7	27.9	5.02	---	---	16
17	2.10	1.17E	0.845E	0.676	24.0	31.4	17.0	26.4	20.7	4.68	---	---	17
18	2.02	1.15E	0.840E	0.764	24.7	30.9	20.0	24.4	16.1	4.37	---	---	18
19	2.02	1.14E	0.830E	0.897	24.3	31.0	22.3	27.2	13.0	4.06	---	---	19
20	2.04	1.12E	0.820E	1.05	24.4	28.5	24.3	35.4	11.5	3.82	---	---	20
21	1.98	1.10E	0.810E	1.19	25.2	27.0	25.7	29.3	15.2	3.72	---	---	21
22	1.92	1.08E	0.805E	1.36	25.5	26.8	26.1	23.5	33.8	3.69	---	---	22
23	1.90	1.07E	0.800E	1.56	24.5	27.9	25.9	19.9	75.3	3.57	---	---	23
24	1.85	1.06E	0.790E	1.77	21.6	24.7	26.5	16.8	76.9	3.59	---	---	24
25	1.77	1.05E	0.780E	1.95	19.0	22.8	26.9	15.1	62.1	3.53	---	---	25
26	1.68	1.04E	0.778E	2.13	18.7	23.2	24.6	13.9	44.2	3.40	---	---	26
27	1.66	1.02E	0.777E	2.27	21.2	25.6	22.0	13.8	28.8	3.33	---	---	27
28	1.64A	1.01E	0.776A	2.43	26.7	26.5	19.9	17.3	21.8	3.22	---	---	28
29	1.61E		0.749	2.78	28.4	28.0	23.4	20.4	18.4	3.10	---	---	29
30	1.58E		0.746	3.19	29.0	31.0	34.4	17.9	25.3	2.98	---	---	30
31	1.54E		0.736		31.6		39.0	14.8		2.81		---	31
TOTAL	75.00	34.40	26.437	34.562	536.73	1 015.6	821.0	754.6	705.40	196.57	---	---	TOTAL
MEAN	2.42	1.23	0.853	1.15	17.3	33.9	26.5	24.3	23.5	6.34	---	---	MEAN
MAX	4.18	1.50	0.980	3.19	31.6	44.8	39.0	37.2	76.9	21.0	---	---	MAX
MIN	1.54	1.01	0.736	0.602	3.71	22.8	16.9	13.8	8.88	2.81	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 76.9 ON SEP 24
MINIMUM DAILY, 0.602 ON APR 13
MAXIMUM INSTANTANEOUS,
80.6 AT 02:59 PST ON SEP 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 16 N
LONG 135 00 50 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 480	JUL	70 900
FEB	2 970	AUG	65 200
MAR	2 280	SEP	61 000
APR	2 990	OCT	17 000
MAY	46 400	NOV	---
JUN	87 700	DEC	---

LINDEMAN LAKE NEAR BENNETT - STATION NO. 09AA003

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.029	---	---	0.727	0.997	1.879	1.746	1.734	1.335	1.536	0.923	---	1
2	1.010	---	---	0.728	1.033	1.917	1.768	1.611	1.277	1.430	0.914	---	2
3	0.995	---	---	0.727	1.064	1.893	1.750	1.537	1.241	1.341	0.901	---	3
4	0.981	---	---	0.725	1.091	1.897	1.716	1.551	1.304	1.271	0.888	---	4
5	0.972	---	---	0.719	1.113	1.946	1.699	1.602	1.404	1.209	0.878	---	5
6	0.966	---	---	0.725	1.123	1.917	1.698	1.580	1.414	1.169	0.869	---	6
7	0.952	---	---	0.722	1.135	1.891	1.723	1.535	1.411	1.139	0.860	---	7
8	0.938	---	---	0.719	1.157	1.872	1.731	1.503	1.366	1.150	0.854	---	8
9	0.931	---	---	0.719	1.204	1.864	1.702	1.527	1.313	1.242	0.846	---	9
10	0.917	---	---	0.717	1.271	1.842	1.676	1.739	1.316	1.244	0.833	---	10
11	0.916	---	---	0.715	1.343	1.788	1.690	1.825	1.347	1.216	0.819	---	11
12	0.907	---	---	0.717	1.403	1.759	1.638	1.806	1.352	1.190	0.812	---	12
13	0.894	---	---	0.713	1.452	1.793	1.556	1.787	1.369	1.156	0.818	---	13
14	0.895	---	---	0.714	1.506	1.862	1.497	1.756	1.455	1.128	0.819	---	14
15	0.888	---	---	0.715	1.543	1.833	1.462	1.705	1.669	1.105	0.820	---	15
16	0.885	---	---	0.717	1.575	1.774	1.448	1.664	1.666	1.085	0.836	---	16
17	0.873	---	---	0.722	1.596	1.730	1.451	1.639	1.530	1.062	0.827	---	17
18	0.865	---	---	0.733	1.610	1.720	1.515	1.604	1.430	1.042	0.826	---	18
19	0.866	---	---	0.750	1.601	1.722	1.563	1.653	1.354	1.021	0.821	---	19
20	0.868	---	---	0.768	1.604	1.678	1.601	1.797	1.317	1.005	0.818	---	20
21	0.862	---	---	0.786	1.619	1.652	1.626	1.692	1.405	0.998	0.816	---	21
22	0.856	---	---	0.806	1.631	1.684	1.634	1.585	1.763	0.996	0.810	---	22
23	0.855	---	---	0.823	1.605	1.667	1.631	1.514	2.365	0.987	0.805	---	23
24	0.850	---	---	0.842	1.549	1.608	1.642	1.446	2.387	0.988	0.809	---	24
25	0.843	---	---	0.859	1.496	1.573	1.650	1.408	2.197	0.984	0.810	---	25
26	0.835	---	---	0.875	1.488	1.580	1.607	1.376	1.935	0.974	0.807	---	26
27	0.833	---	---	0.888	1.540	1.625	1.556	1.375	1.682	0.969	0.802	0.782A	27
28	0.831A	---	0.731A	0.902	1.645	1.643	1.514	1.456	1.552	0.961	0.799	---	28
29	0.828E		0.731	0.928	1.677	1.669	1.582	1.523	1.603	0.952	0.796	---	29
30	0.825E		0.731	0.959	1.688	1.723	1.778	1.470	1.619	0.943	0.786A	---	30
31	0.822E		0.730		1.732		1.854	1.399		0.930		---	31
MEAN	0.896	---	---	0.772	1.422	1.767	1.636	1.594	1.546	1.110	0.834	---	MEAN
MAX	1.029	---	---	0.959	1.731	1.946	1.854	1.825	2.387	1.536	0.923	---	MAX
MIN	0.822	---	---	0.713	0.997	1.573	1.448	1.375	1.241	0.930	0.786	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.387 ON SEP 24

MAXIMUM INSTANTANEOUS,
2.430 AT 02:59 PST ON SEP 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 00 N
LONG 135 00 46 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 662.885 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

LINE CREEK AT THE MOUTH - STATION NO. 08NK022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.662B	0.502B	0.558B	0.816	2.12	12.4	7.90	3.98	1.54	0.925	0.918	0.920E	1
2	0.660B	0.480B	0.558B	0.948	2.14	10.5	7.27	3.79	1.49	0.922	0.946	0.874E	2
3	0.658B	0.490B	0.550B	1.11	2.21	9.54	6.79	3.56	1.43	0.954	0.950	0.870E	3
4	0.660B	0.540B	0.546B	1.18	2.56	9.41	6.17	3.29	1.44	0.978	0.951	0.867E	4
5	0.662B	0.570B	0.555B	1.12	3.65	8.44	5.59	3.07	1.38	1.63	0.955	0.840E	5
6	0.672B	0.570B	0.552B	1.17	5.92	7.91	5.33	2.93	1.36	1.67	0.945A	0.806E	6
7	0.680B	0.560B	0.550B	1.23	6.01	8.31	5.11	2.76	1.33	1.52	0.951	0.838E	7
8	0.658B	0.554B	0.560B	1.28	5.04	7.77	4.98	2.54	1.28	1.44	0.966	0.856E	8
9	0.664B	0.550B	0.570B	1.23	4.23	7.90	4.79	2.46	1.27	1.37	0.989	0.858E	9
10	0.688B	0.580B	0.560B	1.21	3.76	10.7	4.70	2.37	1.27	1.36	1.24	0.848E	10
11	0.670B	0.578B	0.545B	1.16	3.51	10.2	4.55	2.31	1.22	1.35	1.43	0.830E	11
12	0.630B	0.560B	0.538B	1.16	3.38	8.19	4.50	2.21	1.17	1.24	1.41	0.800E	12
13	0.609B	0.538B	0.537B	1.14	3.23	6.90	4.41	2.16	1.18	1.23	1.39	0.720E	13
14	0.618B	0.520B	0.537B	1.14	3.10	6.25	4.18	2.01	1.19	1.24	1.39	0.648E	14
15	0.640B	0.500B	0.457	1.21	2.99	6.18	4.02	1.96	1.12	1.18	1.36	0.640E	15
16	0.652B	0.460B	0.452	1.30	2.91	6.86	3.75	1.97	1.09	1.15	1.32	0.630B	16
17	0.635B	0.442B	0.455	1.45	2.98	7.84	3.51	1.88	1.08	1.11	1.23	0.620B	17
18	0.609B	0.450B	0.457	1.70	3.23	9.01	3.27	1.80	1.08	1.08	1.21	0.600B	18
19	0.580B	0.480B	0.468	2.10	3.49	8.80	3.06	1.77	1.07	1.08	1.17	0.587B	19
20	0.600B	0.500B	0.483	2.74	3.58	9.62	2.95	1.75	1.09	1.02	1.17 A	0.570B	20
21	0.620B	0.538B	0.491	3.40	3.59	9.90	2.82	1.77	1.08	1.02	1.09 E	0.568B	21
22	0.638B	0.548B	0.520B	3.82	3.66	10.5	2.73	1.76	1.08	1.01	1.11 E	0.578B	22
23	0.640B	0.556B	0.545B	3.72	4.49	11.6	2.59	1.86	1.05	0.977	1.20 E	0.600B	23
24	0.618B	0.560B	0.545B	3.57	6.98	11.9	2.49	1.95	1.04	0.975	1.24 E	0.630B	24
25	0.634B	0.562B	0.537B	3.40	12.1	11.4	4.16	1.90	0.988	0.954	1.20 E	0.656B	25
26	0.625B	0.573B	0.532B	3.15	9.75	10.9	9.17	1.87	0.965	0.981	1.17 E	0.648B	26
27	0.620B	0.566B	0.525	2.86	8.66	10.1	8.54	1.77	0.972	0.994	1.11 E	0.600B	27
28	0.604B	0.560B	0.538	2.62	9.52	8.91	6.52	1.45	0.961	0.992	1.06 E	0.588B	28
29	0.580B		0.571	2.36	18.8	7.85	5.47	1.69	0.936	1.01	1.02 E	0.580B	29
30	0.560B		0.631	2.18	19.5	7.46	4.82	1.70	0.938	1.02	0.970E	0.630B	30
31	0.540B		0.718		14.8		4.34	1.57		1.03		0.660B	31
TOTAL	19.586	14.887	16.641	57.474	181.89	273.25	150.18	69.86	35.090	35.412	34.061	21.930	TOTAL
MEAN	0.632	0.532	0.537	1.92	5.87	9.11	4.84	2.25	1.17	1.14	1.14	0.707	MEAN
MAX	0.688	0.500	0.718	3.82	19.5	12.4	9.17	3.98	1.54	1.67	1.43	0.920	MAX
MIN	0.540	0.442	0.452	0.816	2.12	6.18	2.49	1.45	0.936	0.922	0.918	0.558	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.49
MAXIMUM DAILY, 19.5 ON MAY 30
MINIMUM DAILY, 0.442B ON FEB 17
MAXIMUM INSTANTANEOUS,
22.7 AT 23:42 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 114 50 00 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 690	JUL	13 000
FEB	1 290	AUG	6 040
MAR	1 440	SEP	3 030
APR	4 970	OCT	3 060
MAY	15 700	NOV	2 940
JUN	23 600	DEC	1 890

TOTAL DISCHARGE, 78 700 dam³

LINGFIELD CREEK NEAR THE MOUTH - STATION NO. 08MA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.116B	0.060B	0.064B	0.192	1.47	4.62	1.09	0.365	0.126	0.079	0.260B	0.185B	1
2	0.115B	0.057B	0.064B	0.235	2.16	4.67	1.09	0.321	0.118	0.099	0.240B	0.180B	2
3	0.114B	0.056B	0.066B	0.244	2.92	4.07	1.03	0.304	0.112	0.092	0.230B	0.182B	3
4	0.114B	0.056B	0.068B	0.263	4.01	3.43	0.918	0.286	0.103	0.409	0.225B	0.186B	4
5	0.114B	0.057B	0.068B	0.280	4.44	2.76	0.874	0.279	0.099	0.288	0.224	0.190B	5
6	0.114B	0.058B	0.068B	0.317	3.77	2.50	0.837	0.261	0.095	0.167	0.210B	0.200B	6
7	0.115B	0.059B	0.068B	0.371	2.61	2.47	1.02	0.253	0.091	0.147	0.200B	0.200B	7
8	0.115B	0.059B	0.068B	0.387	2.20	2.46	0.924	0.213	0.093	0.139	0.185B	0.195B	8
9	0.112B	0.058B	0.069B	0.440B	2.28	2.36	0.866	0.196	0.086	0.130	0.180B	0.190B	9
10	0.110B	0.057B	0.070B	0.420B	2.67	2.91	0.773	0.198	0.084	0.124	0.175	0.186B	10
11	0.100B	0.056B	0.074B	0.341	2.67	2.77	0.750	0.221	0.081	0.104	0.300B	0.182B	11
12	0.094B	0.054B	0.080B	0.375	2.70	2.49	0.797	0.224	0.076	0.104	0.600B	0.180B	12
13	0.092B	0.053B	0.082B	0.432	2.73	2.83	0.770	0.215	0.072	0.097	0.500B	0.180B	13
14	0.091B	0.052B	0.083B	0.524	2.65	2.40	0.610	0.201	0.071	0.075B	0.450B	0.178B	14
15	0.090B	0.051B	0.084B	0.622	2.81	2.48	0.540	0.170	0.073	0.070B	0.430B	0.178B	15
16	0.088B	0.051B	0.086B	0.754	2.97	2.68	0.491	0.156	0.069	0.070B	0.420B	0.176B	16
17	0.086B	0.052B	0.088B	0.980	3.49	2.49	0.441	0.156	0.086	0.089	0.400B	0.174B	17
18	0.085B	0.053B	0.090B	1.40	3.58	2.58	0.430	0.174	0.082	0.102	0.380B	0.160B	18
19	0.084B	0.054B	0.094B	1.72	3.58	2.66	0.399	0.160	0.076	0.105B	0.360B	0.150B	19
20	0.085B	0.056B	0.098B	1.87	3.30	2.52	0.337	0.146	0.071	0.110B	0.346B	0.140B	20
21	0.088B	0.058B	0.100B	1.83	2.82	2.27	0.306	0.126	0.068	0.120B	0.300B	0.138B	21
22	0.088B	0.060B	0.104B	1.78	2.72	2.46	0.291	0.143	0.073	0.143	0.250B	0.138B	22
23	0.084B	0.062B	0.100B	1.87	2.68	2.55	0.322	0.143	0.067	0.139	0.230B	0.140B	23
24	0.080B	0.064B	0.100B	1.60	2.76	2.04	0.363	0.257	0.066	0.204	0.220B	0.144B	24
25	0.070B	0.065B	0.102B	1.35	3.04	1.70	0.910	0.267	0.067	0.345	0.210B	0.146B	25
26	0.070B	0.065B	0.106B	1.24	3.50	1.45	0.711	0.191	0.074	0.456	0.205B	0.148B	26
27	0.072B	0.064B	0.112	1.06	3.65	1.31	0.586	0.161	0.061	0.446	0.200B	0.145B	27
28	0.073B	0.064B	0.112	0.892	3.83	1.19	0.477	0.138	0.057	0.364	0.196B	0.138B	28
29	0.072B		0.121	0.853	4.61	1.14	0.415	0.123	0.054	0.330B	0.194B	0.135B	29
30	0.070B		0.145	0.856	4.70	1.11	0.395	0.134	0.065	0.296	0.190B	0.132B	30
31	0.065B		0.165		4.82		0.390	0.130		0.280B		0.130B	31
TOTAL	2.866	1.611	2.799	25.498	98.14	75.37	20.153	6.312	2.416	5.723	8.510	5.126	TOTAL
MEAN	0.093	0.058	0.090	0.850	3.17	2.51	0.650	0.204	0.081	0.185	0.284	0.165	MEAN
MAX	0.116	0.065	0.165	1.87	4.82	4.67	1.09	0.365	0.126	0.456	0.600	0.200	MAX
MIN	0.065	0.051	0.064	0.192	1.47	1.11	0.291	0.123	0.054	0.070	0.175	0.130	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.697
MAXIMUM DAILY, 4.82 ON MAY 31
MINIMUM DAILY, 0.051B ON FEB 15
MAXIMUM INSTANTANEOUS,
5.40 AT 20:20 PST ON MAY 05

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 26 N
LONG 124 08 32 W
DRAINAGE AREA, 98.4 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	248	JUL	1 740
FEB	139	AUG	545
MAR	242	SEP	209
APR	2 200	OCT	494
MAY	8 480	NOV	715
JUN	6 510	DEC	443

TOTAL DISCHARGE, 22 000 dam³

LITTLE BRIDGE CREEK ABOVE EXETER LAKE - STATION NO. 08LA026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.400E	0.171	0.194E	0.032	0.027E	0.028	0.036E	---	1
2	---	---	---	---	0.413	0.148	0.194	0.032E	0.023E	0.019	0.042	---	2
3	---	---	---	---	0.395E	0.145	0.186	0.032	0.021	0.021	0.043E	---	3
4	---	---	---	---	0.378E	0.140	0.114	0.031E	0.021E	0.032	0.045E	---	4
5	---	---	---	---	0.360E	0.318	0.110	0.030	0.021	0.050E	0.047	---	5
6	---	---	---	---	0.343E	0.272	0.099	0.029E	0.021E	0.049E	0.047E	---	6
7	---	---	---	---	0.325E	0.226	0.226	0.028	0.125E	0.048E	0.047	---	7
8	---	---	---	---	0.307E	0.226	0.611E	0.028E	0.125E	0.047E	0.047E	---	8
9	---	---	---	---	0.290E	0.272	0.706E	0.145	0.075E	0.045	0.047	---	9
10	---	---	---	---	0.272	0.459	0.503E	0.088E	0.021	0.044E	0.060E	---	10
11	---	---	---	---	0.420	0.555	0.405	0.031	0.021E	0.044	0.073E	---	11
12	---	---	---	---	0.418	0.567	0.342	0.028	0.021E	0.045	0.087	---	12
13	---	---	---	---	0.202	0.525	0.309	0.027	0.021E	0.045E	0.074	---	13
14	---	---	---	---	0.123	0.514	0.290	0.028	0.043	0.045E	0.068E	---	14
15	---	---	---	---	0.148	0.357	0.272	0.026	0.050E	0.045	0.061	---	15
16	---	---	---	---	0.235	0.272	0.244	0.025	0.040E	0.045E	0.055	---	16
17	---	---	---	0.355	0.254	0.254	0.226	0.025	0.025	0.044	0.050E	---	17
18	---	---	---	---	0.272	0.226	0.218	0.025E	0.028E	0.044	0.054E	---	18
19	---	---	---	---	0.254	0.235	0.202	0.025E	0.030	0.044E	0.050	---	19
20	---	---	---	---	0.226	0.244	0.198	0.025	0.027E	0.046E	0.055E	---	20
21	---	---	---	---	0.210	0.210	0.186	0.026E	0.025	0.048E	0.050	---	21
22	---	---	---	---	0.194	0.185	0.148	0.026	0.025E	0.047	0.052E	---	22
23	---	---	---	---	0.163	0.148	0.120	0.027E	0.025E	0.047E	0.055	---	23
24	---	---	---	---	0.186	0.100	0.061	0.028	0.025	0.047	---	---	24
25	---	---	---	---	0.218	0.061	0.067	0.029E	0.024E	0.045E	---	---	25
26	---	---	---	0.324	0.218	0.113	0.061	0.028E	0.024	0.042	---	---	26
27	---	---	---	---	0.186	0.130	0.053	0.027	0.024E	0.037E	---	---	27
28	---	---	---	---	0.148	0.178	0.045	0.026E	0.023	0.032E	---	---	28
29	---	---	---	---	0.186	0.186	0.039	0.026	0.023E	0.028	---	---	29
30	---		---	---	0.222	0.194	0.037	0.028E	0.025E	0.029E	---	---	30
31	---		---		0.186		0.032	0.030		0.030		---	31
TOTAL	---	---	---	---	8.052	7.631	6.498	1.041	1.029	1.262	---	---	TOTAL
MEAN	---	---	---	---	0.260	0.254	0.210	0.034	0.034	0.041	---	---	MEAN
MAX	---	---	---	---	0.420	0.567	0.706	0.145	0.125	0.050	---	---	MAX
MIN	---	---	---	---	0.123	0.061	0.032	0.025	0.021	0.019	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.706E ON JUL 09

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 53 N
LONG 121 22 30 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	561
FEB	---	AUG	89.9
MAR	---	SEP	88.9
APR	---	OCT	109
MAY	696	NOV	---
JUN	659	DEC	---

LITTLE HORSEFLY RIVER ABOVE GRUHS LAKE - STATION NO. 08KH025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.70	10.1	12.1	12.0	7.03	3.50	---	---	---	1
2	---	---	---	2.70	10.1	12.1	11.8	6.70	3.30	---	---	---	2
3	---	---	---	2.80	10.4	12.2	12.2	6.48	3.20	---	---	---	3
4	---	---	---	3.00	10.4	12.2	12.0	6.26	3.20	---	---	---	4
5	---	---	---	3.10	10.4	12.4	11.6	6.26	3.20	---	---	---	5
6	---	---	---	3.20	10.6	12.0	11.4	6.15	3.10	---	---	---	6
7	---	---	---	3.30	10.9	12.2	11.4	5.93	3.00	---	---	---	7
8	---	---	---	3.50	10.8	12.4	11.4	5.82	2.90	---	---	---	8
9	---	---	---	3.50	11.1	12.6	11.4	5.60	2.80	---	---	---	9
10	---	---	---	3.60	10.8	12.9	11.4	5.55E	2.70	---	---	---	10
11	---	---	---	3.60	10.8	13.1	11.1	5.49	2.60	---	---	---	11
12	---	---	---	3.80	10.8	14.0E	11.0	5.38	2.50	---	---	---	12
13	---	---	---	4.00	10.8	15.0E	10.6	5.27	2.50	---	---	---	13
14	---	---	---	4.30	10.8	14.3E	10.5	5.16	2.50	---	---	---	14
15	---	---	---	4.40	10.8	14.0E	10.2	4.94	2.34	---	---	---	15
16	---	---	---	4.72	10.9	13.7	10.0	4.72	2.26	---	---	---	16
17	---	---	---	5.05	10.9	13.7	9.90	4.50	2.26	---	---	---	17
18	---	---	---	5.38	10.9	13.8E	9.77	4.30	2.26	---	---	---	18
19	---	---	---	5.93	10.9	13.7	9.52	4.30	2.18	---	---	---	19
20	---	---	---	6.48	11.2	13.9	9.15	4.20	2.18	---	---	---	20
21	---	---	---	7.14	11.2	13.6	8.79	4.10	2.16	---	---	---	21
22	---	---	---	7.47	11.2	13.4	8.68	4.00	2.02	---	---	---	22
23	---	---	---	7.69	11.2	12.9	8.68	4.10	2.02	---	---	---	23
24	---	---	---	8.68	11.0	13.0	8.46	3.90	2.02	---	---	---	24
25	---	---	---	9.27	11.0	12.8	8.35	3.90	1.94	---	---	---	25
26	---	---	---	9.40	11.0	12.8	8.13	3.90	1.86	---	---	---	26
27	---	---	---	9.90	11.0	12.9	7.91	3.80	1.86	---	---	---	27
28	---	---	---	10.1	11.0	12.5	7.80	3.80	1.86	---	---	---	28
29	---	---	---	10.1	11.2	12.5	7.80	3.70	1.70	---	---	---	29
30	---		---	10.1	11.6	12.1	7.58	3.70	1.70	---	---	---	30
31	---		---		11.6		7.36	3.60		---		---	31
TOTAL	---	---	---	168.91	337.4	390.7	307.88	152.54	73.62	---	---	---	TOTAL
MEAN	---	---	---	5.63	10.9	13.0	9.93	4.92	2.45	---	---	---	MEAN
MAX	---	---	---	10.1	11.6	15.0	12.2	7.03	3.50	---	---	---	MAX
MIN	---	---	---	2.70	10.1	12.0	7.36	3.60	1.70	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.0E ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 21 56 N
LONG 121 21 19 W
DRAINAGE AREA, 416 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26 600
FEB	---	AUG	13 200
MAR	---	SEP	6 360
APR	14 600	OCT	---
MAY	29 200	NOV	---
JUN	33 800	DEC	---

LITTLE QUALICUM RIVER AT OUTLET OF CAMERON LAKE - STATION NO. 08HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.19	8.16	5.56	8.21	6.33	4.38	2.76	1.23	0.880	0.391	17.2	28.8	1
2	4.29	8.25	5.48	8.94	6.30	4.66	2.84	1.18	0.882	0.284	14.1	23.4	2
3	4.32	16.4	5.46	9.09	6.47	8.69	1.65	1.14	0.843	1.69	11.8	32.5	3
4	4.65	18.7	5.47	9.10	6.85	14.1	1.16	1.09	0.856	3.74	10.7	77.1	4
5	5.76	18.2	5.70	8.89	7.69	14.0	1.54	1.15	0.929	3.98	9.50	60.4	5
6	12.5	16.4	6.24	8.79	8.16	12.6	2.11	1.07	0.898	3.69	8.46	43.1	6
7	19.3	14.5	6.67	8.69	7.63	11.4	2.24	0.914	0.815	3.39	7.82	32.6	7
8	23.4	12.6	6.67	8.61	6.79	10.2	2.30	0.934	0.774	3.08	7.44	28.8	8
9	23.8	11.1	6.59	8.41	6.29	9.48	2.34	0.990	0.768	2.90	13.0	28.5	9
10	22.7	10.6	6.87	7.88	6.08	9.91	2.47	0.939	0.730	2.79	34.6	25.0	10
11	19.4	13.0	6.73	7.90	5.89	12.1	2.33	0.887	0.679	3.61	77.9	21.4	11
12	16.5	13.9	6.46	8.56	5.84	11.6	2.24	0.941	0.679	4.59	68.2	18.7	12
13	14.5	13.1	6.18	8.87	5.55	10.2	2.05	0.938	0.556	4.22	59.6	16.2	13
14	13.6	12.1	6.06	8.98	5.49	8.93	1.99	0.849	0.647	3.90	46.1	14.5	14
15	12.9	11.0	5.79	9.36	5.36	7.84	1.86	0.812	0.625	3.63	35.4	13.8	15
16	11.9	9.74	5.66	10.3	5.28	7.03	1.75	0.747	0.638	3.27	30.7	12.7	16
17	10.4	8.65	5.79	12.1	5.17	6.21	1.71	0.764	0.651	3.10	31.7	11.7	17
18	9.29	7.45	5.95	14.6	4.96	5.53	1.69	0.763	0.629	3.34	27.6	11.1	18
19	8.13	6.81	6.43	14.5	4.93	5.25	1.61	0.768	0.581	3.41	26.8	10.2	19
20	7.45	6.57	9.39	12.4 E	4.74	5.64	1.56	0.708	0.556	3.43	19.2	9.40	20
21	6.86	6.21	10.3	10.8 E	4.61	5.12	1.53	0.673	0.478	3.86	16.5	8.49	21
22	6.84	5.87	10.5	9.10E	4.57	4.77	1.56	0.762	0.519	4.46	17.1	7.75	22
23	6.96	5.56	10.1	12.1 E	4.81	4.37	1.48	0.713	0.494	4.54	50.3	7.17	23
24	6.78	5.42	9.38	12.3 E	3.46	4.01	1.39	0.726	0.482	5.20	69.8	6.88	24
25	8.08	5.45	8.55	11.4 E	2.51	3.66	1.35	0.747	0.518	19.0	49.8	6.46	25
26	9.06	5.54	7.64	9.10E	2.62	4.52	1.38	0.731	0.521	29.2	36.3	6.17	26
27	9.21	5.58	7.07	7.90E	2.91A	4.57	1.35	0.714	0.491	25.4	27.5	5.77	27
28	9.59	5.58	6.70	7.10E	2.76A	4.24	1.31	0.677	0.458	25.4	22.0	5.49	28
29	9.53		6.65	6.90E	3.12	3.45	1.30	0.719	0.435	23.3	33.8	5.22	29
30	9.41		6.84	6.75A	3.61	2.66	1.28	0.740	0.461	23.4	34.7	5.04	30
31	8.75		7.26		3.89		1.23	0.798		20.8		4.91	31
TOTAL	339.62	282.44	219.14	283.33	160.62	221.12	55.36	26.814	19.473	246.995	911.62	589.25	TOTAL
MEAN	11.0	10.1	7.07	9.44	5.18	7.37	1.79	0.865	0.649	7.97	30.4	19.0	MEAN
MAX	23.8	18.7	10.5	12.6	8.16	14.1	2.84	1.23	0.929	29.2	77.9	77.1	MAX
MIN	4.19	5.42	5.46	6.75	2.51	2.66	1.16	0.673	0.435	0.284	7.44	4.91	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.19
MAXIMUM DAILY, 77.9 ON NOV 11
MINIMUM DAILY, 0.284 ON OCT 02
MAXIMUM INSTANTANEOUS,
83.4 AT 08:05 PST ON DEC 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 27 N
LONG 124 35 00 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 300	JUL	4 780
FEB	24 400	AUG	2 320
MAR	18 900	SEP	1 680
APR	24 500	OCT	21 300
MAY	13 900	NOV	78 800
JUN	19 100	DEC	50 900

TOTAL DISCHARGE, 290 000 dam³

LITTLE SWIFT RIVER AT THE MOUTH - STATION NO. 08KE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.925B	0.525B	0.480B	1.06	3.94	21.9	6.07	0.753	2.28	0.428	1.60	0.845B	1
2	0.882B	0.540B	0.480B	1.19	4.48	19.8	5.00	0.732	1.99	0.501	1.38	0.830B	2
3	0.885B	0.590B	0.480B	1.28	5.45	17.9	4.30	0.735	1.44	0.555	1.39	0.825B	3
4	0.902B	0.605B	0.483B	1.32	7.96	17.5	3.79	0.663	1.20	2.99	1.35	0.820B	4
5	0.912B	0.610B	0.485B	1.47	15.1	16.2	4.08	0.592	1.04	2.14	1.10	0.822B	5
6	0.916B	0.585B	0.482B	1.74	16.9	13.1	4.18	0.555	0.915	1.29	1.00 B	0.825B	6
7	0.909B	0.572B	0.476B	1.90	9.71	12.2	3.88	0.520	0.806	1.10	1.06 B	0.828B	7
8	0.902B	0.554B	0.485B	1.95	7.82	14.2	3.51	0.508	0.745	1.47	1.10 B	0.830B	8
9	0.891B	0.565B	0.500B	1.61	7.18	17.9	3.11	0.506	0.684	4.42	1.02 B	0.810B	9
10	0.860B	0.612B	0.508B	1.46	7.38	17.2	2.76	0.485	0.648	3.30	0.980B	0.780B	10
11	0.830B	0.608B	0.519B	1.47	7.55	34.0 E	2.54	0.472	0.596	2.10	0.930B	0.765B	11
12	0.825B	0.580B	0.522B	1.61	7.07	48.0 E	2.23	0.473	0.576	1.82	1.16 B	0.750B	12
13	0.840B	0.545B	0.527B	1.87	6.43	20.0 E	2.09	0.468	0.567	1.67	2.12 B	0.740B	13
14	0.843B	0.549B	0.525B	2.42	6.17	14.8 A	1.96	0.618	0.548	1.47	1.75 B	0.738B	14
15	0.841B	0.535B	0.524B	3.46	6.44	12.8	1.75	0.508	0.536	1.29	1.42 B	0.736B	15
16	0.825B	0.480B	0.523B	4.24	7.02	12.5	1.65	0.486	0.534	1.20	1.27 B	0.732B	16
17	0.793B	0.392B	0.524B	4.79	8.25	11.0	1.53	0.508	0.593	1.07	1.20 B	0.720B	17
18	0.760B	0.410B	0.533B	5.56	8.74	9.69	1.62	0.668	0.567	1.05	1.16 B	0.695B	18
19	0.735B	0.425B	0.540B	6.14	8.91	8.80	1.64	0.559	0.537	1.02	1.12 B	0.665B	19
20	0.743B	0.435B	0.530B	10.2	9.38	9.45	1.42	0.485	0.507	0.963	1.07 B	0.550B	20
21	0.762B	0.440B	0.522B	8.67	11.4	8.41	1.28	0.473	0.502	0.982	1.06 B	0.541B	21
22	0.774B	0.448B	0.518B	8.32	11.6	8.72	1.14	1.06	0.504	0.965	1.05 B	0.540B	22
23	0.780B	0.455B	0.516B	8.90	13.6	8.98	1.08	0.794	0.496	0.885	1.02 B	0.540B	23
24	0.760B	0.458B	0.537B	9.18	15.1	7.43	1.56	0.761	0.478	1.23	0.970B	0.542B	24
25	0.750B	0.458B	0.560B	6.96	18.5	6.24	2.02	0.628	0.464	5.22	0.940B	0.542B	25
26	0.754B	0.458B	0.595B	5.78	19.6	6.60	1.41	0.591	0.463	4.34	0.920B	0.535B	26
27	0.760B	0.460B	0.635B	5.07	20.1	5.93	1.16	0.656	0.453	2.81	0.915B	0.524B	27
28	0.740B	0.470B	0.682B	4.28	22.3	5.29	0.993	0.548	0.437	3.12	0.918B	0.445B	28
29	0.720B		0.745B	3.77	24.4	4.62	0.932	0.509	0.430	2.37	0.920B	0.420B	29
30	0.620B		0.788	3.62	26.6	5.12	0.916	2.13	0.423	1.96	0.905B	0.433B	30
31	0.530B		0.998		23.0		0.805	3.21		1.74		0.435B	31
TOTAL	24.969	14.363	17.222	121.29	371.05	415.28	74.406	22.654	21.955	57.469	34.798	20.763	TOTAL
MEAN	0.806	0.513	0.556	4.04	12.0	13.8	2.40	0.731	0.732	1.85	1.16	0.670	MEAN
MAX	0.925	0.612	0.998	10.2	27.4	48.0	6.07	3.21	2.28	5.22	2.12	0.845	MAX
MIN	0.530	0.392	0.476	1.06	3.94	4.62	0.805	0.468	0.423	0.428	0.905	0.420	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 48.0E ON JUN 12
MINIMUM DAILY, 0.392B ON FEB 17

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 07 N
LONG 121 45 42 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 160	JUL	6 430
FEB	1 240	AUG	1 960
MAR	1 490	SEP	1 900
APR	10 500	OCT	4 970
MAY	32 100	NOV	3 010
JUN	35 900	DEC	1 790

TOTAL DISCHARGE, 103 000 dam³

LITTLE WEDEENE RIVER BELOW BOWBYES CREEK - STATION NO. 08FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.5	4.05B	7.29	16.5	16.7	27.9	21.4	7.90	5.62	12.7	11.2	7.32	1
2	12.3	3.60B	7.50	16.1	17.5	27.3	18.8	6.78	5.09	10.3	9.91	7.11	2
3	10.6	3.35B	7.74	15.0	25.3	36.8	17.4	8.91	4.75	7.68	12.8	6.90B	3
4	9.75	3.12B	8.00	13.7	40.0	25.7	17.7	9.53	4.53	6.08	13.7	8.60B	4
5	15.1	3.01B	10.3	13.3	39.0	22.3	18.6	8.81	4.47	4.94	12.2	11.2	5
6	15.5	3.00B	13.0	13.1	27.5	22.0	19.4	10.2	4.42	4.58	11.5	39.4	6
7	18.5	3.02B	10.8	13.0	20.1	23.1	18.8	9.38	4.35	5.19	13.3	119	7
8	17.5	3.03B	9.35	13.4	18.9	22.9	17.7	9.33	4.45	35.2	12.3	36.7	8
9	14.8	3.14B	8.66	12.0	20.2	22.4	17.4	9.23	4.34	15.8	10.2	16.8	9
10	12.4	3.25B	8.09	11.0	21.8	22.1	17.3	9.06	4.09	10.3	9.02	13.8	10
11	10.1	3.34B	7.64	10.6	24.1	23.6	15.9	9.71	4.05	10.0	8.71	12.6	11
12	8.82	3.38B	7.56	11.1	22.5	22.1	15.3	9.72	3.98	16.8	52.3	11.3	12
13	8.17	3.38B	10.6	14.1	21.5	26.4	13.7	9.23	3.85	14.9	20.7	10.4	13
14	7.34	3.32B	12.7	15.7	21.9	29.1	12.1	7.77	3.90	11.4	14.1	9.62	14
15	7.07	3.23B	12.8	16.1	22.7	28.5	12.9	7.33	4.12	9.39	17.0	8.74	15
16	6.58	3.15B	14.7	17.5	20.7	22.9	12.4	7.03	3.94	8.58	16.8	8.34	16
17	6.13	3.10B	13.2	22.2	20.0	21.0	11.5	6.48	3.81	10.2	13.6	9.36	17
18	6.00	3.10B	14.0	19.8	19.8	20.2	10.7	6.31	4.41	17.0	12.7	8.77	18
19	5.94	3.25B	16.1	22.8	19.7	22.0	12.1	6.12	3.96	13.8	12.3	7.74	19
20	7.31	3.70B	16.2	21.2	22.7	24.1	12.6	6.12	3.73	13.0	10.2	7.62	20
21	9.03	5.00B	16.1	18.9	35.9	35.3	12.7	6.18	3.85	17.1	8.91	7.45B	21
22	9.43	6.40B	14.0	17.1	22.1	29.9	12.5	5.82	3.99	15.6	8.40	7.35B	22
23	7.57	6.70B	11.7	16.3	20.0	22.2	12.6	5.71	4.27	62.6	8.20	7.35B	23
24	6.74	6.90B	10.4	15.7	20.5	19.5	12.9	5.21	4.17	75.3	8.08	7.20B	24
25	6.37	6.95B	9.46	15.8	21.1	19.5	11.8	5.04	4.17	18.0	7.33	7.25B	25
26	6.02	7.00B	9.17	15.5	22.4	19.3	10.3	4.75	3.69	17.9	7.54	7.30B	26
27	5.63	7.05B	9.60	15.2	31.6	19.0	8.94	4.75	3.51	27.2	7.73	7.35B	27
28	5.45	7.15B	10.8	14.7	46.7	20.3	8.57	4.63	12.1	15.3	8.57	7.40B	28
29	5.33		13.2	14.8	33.7	19.5	9.07	4.58	8.80	13.8	8.11	7.40B	29
30	5.15B		14.7	16.0	28.3	23.8	9.82	5.42	7.84	14.8	7.49	7.35B	30
31	4.70B		14.4		29.3		9.77	6.92		13.1		7.30B	31
TOTAL	285.92	118.67	349.76	468.3	775.6	721.7	432.37	223.99	142.25	530.54	374.90	441.92	TOTAL
MEAN	9.22	4.24	11.3	15.6	25.0	24.1	13.9	7.23	4.74	17.1	12.5	14.3	MEAN
MAX	18.5	7.15	16.2	22.8	46.7	36.8	21.4	10.2	12.1	75.3	52.3	119	MAX
MIN	4.70	3.00	7.29	10.6	16.7	19.0	8.57	4.58	3.51	4.58	7.33	6.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.3
MAXIMUM DAILY, 119 ON DEC 07
MINIMUM DAILY, 3.00B ON FEB 06
MAXIMUM INSTANTANEOUS,
163 AT 22:07 PST ON OCT 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 11 N
LONG 128 41 24 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 700	JUL	37 400
FEB	10 300	AUG	19 400
MAR	30 200	SEP	12 300
APR	40 500	OCT	45 800
MAY	67 000	NOV	32 400
JUN	62 400	DEC	38 200

TOTAL DISCHARGE, 421 000 dam³

LOCH KATRINE CREEK AT OUTLET OF GRAYSTOKE LAKE - STATION NO. 08NM229

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	2.45	3.26	0.890	0.759	0.403	0	0	1
2	0	0	0	0	0	2.30	3.02	0.910	0.750	0.385	0	0	2
3	0	0	0	0	0	2.30	2.82	0.880	0.736	0.372	0	0	3
4	0	0	0	0	0	2.29	2.05	0.868	0.732	0.364	0	0	4
5	0	0	0	0	0	1.77	2.05	0.905	0.732	0.361	0	0	5
6	0	0	0	0	0	1.44	4.33	0.893	0.725	0.347	0	0	6
7	0	0	0	0	0	1.82	2.62	0.883	0.695	0.331	0	0	7
8	0	0	0	0	0	1.73	1.90	0.885	0.680	0.320	0	0	8
9	0	0	0	0	0	1.62	1.63	0.875	0.686	0.310	0	0	9
10	0	0	0	0	0	2.86	1.56	0.873	0.685	0.297	0	0	10
11	0	0	0	0	0	2.81	1.48	0.859	0.668	0.133	0	0	11
12	0	0	0	0	0.001	1.88	1.46	0.858	0.663	0.001	0	0	12
13	0	0	0	0	0	1.41	1.36	0.855	0.644	0.001	0	0	13
14	0	0	0	0	0.001	1.51	1.05	0.841	0.633	0.001	0	0	14
15	0	0	0	0	0.001	2.29	0.951	0.835	0.622	0	0	0	15
16	0	0	0	0	0.001	2.01	0.952	0.837	0.611	0	0	0	16
17	0	0	0	0	0.001	2.05	0.959	0.827	0.587	0.001	0	0	17
18	0	0	0	0	0.001	2.21	0.968	0.819	0.576	0.001	0	0	18
19	0	0	0	0	0.001	2.45	0.955	0.812	0.566	0.001	0	0	19
20	0	0	0	0	0.002	3.29	0.944	0.826	0.557	0	0	0	20
21	0	0	0	0	0.001	3.56	0.930	0.812	0.555	0	0	0	21
22	0	0	0	0	0.003	3.77	0.960	0.817	0.540	0	0	0	22
23	0	0	0	0	0.003	4.64	0.962	0.814	0.535	0	0	0	23
24	0	0	0	0	0.002	6.40	0.952	0.781	0.514	0	0	0	24
25	0	0	0	0	0.002	4.65	0.941	0.771	0.480	0	0	0	25
26	0	0	0	0	0.003	3.51	0.939	0.774	0.463	0	0	0	26
27	0	0	0	0	0.003	3.80	0.922	0.772	0.460	0	0	0	27
28	0	0	0	0	0.003	3.75	0.916	0.773	0.444	0	0	0	28
29	0		0	0	0.003	3.17	0.930	0.761	0.426	0	0	0	29
30	0		0	0	0.006	3.48	0.912	0.754	0.418	0	0	0	30
31	0		0		1.19		0.890	0.765		0		0	31
TOTAL	0	0	0	0	1.228	83.22	46.573	25.825	18.142	3.629	0	0	TOTAL
MEAN	0	0	0	0	0.040	2.77	1.50	0.833	0.605	0.117	0	0	MEAN
MAX	0	0	0	0	1.19	6.40	4.33	0.910	0.759	0.403	0	0	MAX
MIN	0	0	0	0	0	1.41	0.890	0.754	0.418	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.489
MAXIMUM DAILY, 6.40 ON JUN 24
MINIMUM DAILY, 0 ON JAN 01
MAXIMUM INSTANTANEOUS,
6.95 AT 19:53 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 09 N
LONG 118 52 15 W
DRAINAGE AREA, 16.1 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	4 020
FEB	0	AUG	2 230
MAR	0	SEP	1 570
APR	0	OCT	314
MAY	106	NOV	0
JUN	7 190	DEC	0

TOTAL DISCHARGE, 15 400 dam³

LOFTUS CREEK AT MALAKWA - STATION NO. 08LE110

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.670E	0.820	1.82	1.85 E	0.666	0.371	0.154	---	---	1
2	---	---	---	0.670A	0.830	1.86	2.30 E	0.635	0.310	0.161	---	---	2
3	---	---	---	0.720	0.891	1.79	2.00 E	0.584	0.286	0.197	---	---	3
4	---	---	---	0.662	1.06	2.42	1.68 A	0.566	0.261	0.269	---	---	4
5	---	---	---	0.662	1.43	2.46	1.68 E	0.539	0.244	0.257	---	---	5
6	---	---	---	0.685	1.70	2.26	3.15	0.516	0.232	0.180	---	---	6
7	---	---	---	0.722	1.41	2.96	2.72	0.502	0.215	0.155	---	---	7
8	---	---	---	0.750	1.24	2.84	2.38	0.484	0.219	0.186	---	---	8
9	---	---	---	0.690	1.17	2.68	2.33	0.472	0.226	0.238	---	---	9
10	---	---	---	0.644	1.20	2.81	2.30	0.456	0.205	0.238	---	---	10
11	---	---	---	0.613	1.26	4.00E	2.19	0.458	0.184	0.183	---	---	11
12	---	---	---	0.582	1.30	5.50E	2.10	0.429	0.193	0.221	---	---	12
13	---	---	---	0.604	1.30	3.40E	1.90	0.422	0.183	0.190	---	---	13
14	---	---	---	0.629	1.25	2.85E	1.67	0.416	0.177	0.157	---	---	14
15	---	---	---	0.682	1.21	2.55E	1.46	0.382	0.183	0.184A	---	---	15
16	---	---	---	0.749	1.19	2.45E	1.35	0.377	0.174	---	---	---	16
17	---	---	---	0.827	1.22	2.40E	1.23	0.360	0.175	---	---	---	17
18	---	---	---	0.887	1.21	2.70E	0.932	0.354	0.179	---	---	---	18
19	---	---	---	0.943	1.20	3.00E	0.698	0.333	0.176	---	---	---	19
20	---	---	---	1.08	1.20	3.05E	0.615	0.309	0.183	---	---	---	20
21	---	---	---	1.16	1.19	2.70E	0.638	0.358	0.179	---	---	---	21
22	---	---	---	1.18	1.24	2.80E	0.637	0.471	0.169	---	---	---	22
23	---	---	---	1.19	1.44	2.65E	0.775E	0.516	0.160	---	---	---	23
24	---	---	---	1.52	1.64	2.40E	0.821E	0.377	0.169	---	---	---	24
25	---	---	---	1.27	1.69	2.15E	0.796E	0.382	0.166	---	---	---	25
26	---	---	---	1.14	1.64	2.00E	0.825E	0.358	0.155	---	---	---	26
27	---	---	---	1.03	1.63	1.85E	0.759E	0.290	0.159	---	---	---	27
28	---	---	---	0.927	1.67	1.80E	0.684E	0.276	0.163	---	---	---	28
29	---	---	---	0.834	2.12	1.76E	0.628E	0.302	0.153	---	---	---	29
30	---		---	0.818	2.28	1.85E	0.620E	0.680	0.143	---	---	---	30
31	---		---		1.93		0.701A	0.451		---		---	31
TOTAL	---	---	---	25.540	42.561	77.76	44.419	13.721	5.992	---	---	---	TOTAL
MEAN	---	---	---	0.851	1.37	2.59	1.43	0.443	0.200	---	---	---	MEAN
MAX	---	---	---	1.52	2.28	5.50	3.15	0.680	0.371	---	---	---	MAX
MIN	---	---	---	0.582	0.820	1.76	0.615	0.276	0.143	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.50E ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 06 N
LONG 118 48 21 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 840
FEB	---	AUG	1 190
MAR	---	SEP	518
APR	2 210	OCT	---
MAY	3 680	NOV	---
JUN	6 720	DEC	---

LOON CREEK NEAR THE MOUTH - STATION NO. 08LF071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058	0.073B	0.085	0.239	0.493	1.85	0.700E	0.827	0.434	0.085	0.094	0.064	1
2	0.058	0.075B	0.085	0.250	0.606	4.90 E	1.08 E	0.803	0.375	0.084	0.087	0.066	2
3	0.061	0.078	0.087	0.260	0.679	1.51 A	1.47 A	0.753	0.221	0.085	0.097	0.066	3
4	0.061	0.075	0.090	0.256	0.724	1.67 A	1.33 E	0.719	0.110	0.086	0.094	0.073	4
5	0.062	0.076	0.093	0.256	0.739	1.53 E	1.20 E	0.683	0.097	0.091	0.099	0.092	5
6	0.065	0.075	0.095	0.254	0.703	1.38 A	2.50 E	0.661	0.096	0.083	0.084	0.081B	6
7	0.069	0.075	0.113	0.238	0.742	1.25 E	3.90 E	0.618	0.131	0.077	0.109	0.077B	7
8	0.069	0.075	0.100	0.221	0.747	1.10 E	4.20 E	0.588	0.113	0.070	0.098	0.079B	8
9	0.073	0.075	0.094	0.203	0.720	1.50 E	3.40 E	0.496	0.063	0.069	0.091	0.084B	9
10	0.071	0.075	0.094	0.198	0.762	1.95 E	2.66	0.436	0.070	0.068	0.091	0.082B	10
11	0.068	0.077	0.093	0.220	0.838	2.60 E	2.37	0.342	0.070	0.075	0.178	0.078B	11
12	0.067	0.078	0.092	0.222	0.831	3.40 E	2.10	0.275	0.069	0.076	0.176	0.078B	12
13	0.066	0.076B	0.095	0.243	0.842	4.10 E	1.90	0.241	0.069	0.079	0.150	0.076B	13
14	0.072	0.071B	0.102	0.260	0.938	2.40 A	1.72	0.145	0.066	0.076	0.121	0.078B	14
15	0.074	0.067	0.105	0.275	0.906	2.20 E	1.60	0.127	0.066	0.081	0.096	0.079B	15
16	0.074	0.067B	0.111	0.294	0.846	1.95 E	1.52	0.209	0.078	0.087	0.092	0.077B	16
17	0.071	0.065B	0.123	0.310	0.982	1.70 E	1.50	0.141	0.073	0.091	0.091	0.068B	17
18	0.069	0.068B	0.142	0.328	1.26	1.53 E	1.42	0.120	0.073	0.088	0.080	0.062B	18
19	0.068	0.071	0.153	0.341	1.42	1.56 E	1.40	0.124	0.067	0.084	0.082	0.059B	19
20	0.069	0.072	0.156	0.340	1.36	1.70 E	1.35	0.266	0.066	0.086	0.080	0.058B	20
21	0.071	0.072	0.155	0.329	1.40	1.81 A	1.20	0.143	0.062	0.084	0.069	0.062B	21
22	0.072	0.073	0.143	0.339	1.20	1.55 E	1.15	0.191	0.063	0.085	0.073	0.068B	22
23	0.077	0.072	0.147	0.328	1.13	1.32 E	1.18	0.352	0.061	0.095	0.073B	0.073B	23
24	0.077	0.074	0.137	0.413	1.31	1.22 E	1.11	0.319	0.065	0.097	0.070B	0.078B	24
25	0.078	0.078	0.144	0.481	1.83	1.10 E	1.03	0.268	0.064	0.093	0.066B	0.077B	25
26	0.078	0.081	0.177	0.463	1.95	1.00 E	0.994	0.285	0.065	0.094	0.064B	0.072B	26
27	0.080	0.081	0.176	0.514	1.86	0.910E	0.995	0.330	0.062	0.098	0.062B	0.062B	27
28	0.083	0.083	0.164	0.531	1.85	0.820E	0.965	0.446	0.069	0.099	0.064A	0.067B	28
29	0.082		0.176	0.493	1.87	0.740E	0.895	0.487	0.074	0.097	0.064	0.076B	29
30	0.083		0.195	0.481	1.83	0.680E	0.872	0.467	0.086	0.097	0.064	0.084B	30
31	0.074B		0.223		1.79		0.842	0.446		0.097		0.092B	31
TOTAL	2.200	2.078	3.945	9.580	35.158	52.930	50.553	12.308	3.078	2.657	2.759	2.288	TOTAL
MEAN	0.071	0.074	0.127	0.319	1.13	1.76	1.63	0.397	0.103	0.086	0.092	0.074	MEAN
MAX	0.083	0.083	0.223	0.531	1.95	4.90	4.20	0.827	0.434	0.099	0.178	0.092	MAX
MIN	0.058	0.065	0.085	0.198	0.493	0.680	0.700	0.120	0.061	0.068	0.062	0.058	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.492
MAXIMUM DAILY, 4.90E ON JUN 02
MINIMUM DAILY, 0.058 ON JAN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 10 N
LONG 121 26 27 W
DRAINAGE AREA, 479 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	190	JUL	4 370
FEB	180	AUG	1 060
MAR	341	SEP	266
APR	828	OCT	230
MAY	3 040	NOV	238
JUN	4 570	DEC	198

TOTAL DISCHARGE, 15 500 dam³

LOUIS CREEK ABOVE MCGILLIVRAY CREEK - STATION NO. 08LB081

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.260	0.210B	0.176	0.329	0.621	1.37	0.931	0.484	0.470	0.309	0.328	0.217	1
2	0.256	0.210B	0.177	0.377	0.772	1.31	0.947	0.469	0.482	0.287	0.318	0.209	2
3	0.257	0.211B	0.176	0.399	0.806	1.36	1.03	0.460	0.471	0.304	0.335	0.216	3
4	0.250	0.209B	0.176	0.408	0.857	1.67	0.994	0.453	0.428	0.315	0.334	0.248	4
5	0.230	0.208B	0.183	0.421	0.910	1.47	0.970	0.423	0.421	0.323	0.338	0.229	5
6	0.229	0.207B	0.192	0.499	0.933	1.25	1.55	0.409	0.406	0.312	0.318	0.213	6
7	0.226	0.205B	0.268	0.577	0.822	1.39	1.65	0.416	0.408	0.328	0.312	0.204	7
8	0.222	0.203B	0.301	0.621	0.724	1.23	1.35	0.415	0.367	0.305	0.295	0.205	8
9	0.221	0.201B	0.291	0.564	0.682	1.09	1.15	0.469	0.356	0.313	0.340	0.220	9
10	0.218B	0.200B	0.256	0.486	0.819	1.49	1.06	0.486	0.365	0.338	0.504	0.199	10
11	0.209B	0.200B	0.237	0.466	0.830	1.92	1.01	0.494	0.359	0.315	0.651	0.193	11
12	0.211B	0.201B	0.225	0.519	0.838	2.27	0.992	0.493	0.364	0.313	0.578	0.189	12
13	0.216B	0.200B	0.253	0.578	0.848	3.41	0.911	0.494	0.377	0.325	0.514	0.173	13
14	0.214	0.197B	0.229	0.622	0.883	2.48	0.670	0.491	0.372	0.310	0.432	0.184	14
15	0.216	0.191B	0.249	0.733	0.821	1.86	0.701	0.495	0.388	0.313	0.420	0.188	15
16	0.205B	0.184B	0.338	0.774	0.740	1.67	0.698	0.473	0.394	0.322	0.379	0.174B	16
17	0.190B	0.180B	0.334	0.835	0.725	1.66	0.668	0.490	0.391	0.330	0.354	0.167	17
18	0.172B	0.177B	0.413	0.846	0.850	1.55	0.657	0.474	0.370	0.361	0.316	0.159B	18
19	0.168B	0.175B	0.377	0.903	1.12	1.53	0.672	0.452	0.369	0.372	0.306	0.151B	19
20	0.180B	0.176B	0.341	1.01	0.974	1.59	0.641	0.434	0.344	0.373	0.289	0.143B	20
21	0.202B	0.177B	0.320	1.06	0.993	1.42	0.591	0.502	0.345	0.455	0.247	0.131B	21
22	0.222B	0.180B	0.293	1.01	1.06	1.30	0.579	0.539	0.338	0.423	0.246	0.141B	22
23	0.230B	0.185B	0.262	0.956	1.17	1.21	0.564	0.572	0.345	0.379	0.251	0.150B	23
24	0.235B	0.195B	0.246	1.20	1.11	1.13	0.561	0.538	0.331	0.376	0.290	0.162B	24
25	0.234B	0.199B	0.240	0.972	1.59	1.08	0.634	0.607	0.306	0.325	0.240	0.179B	25
26	0.231B	0.197B	0.244	0.837	1.77	1.03	0.657	0.533	0.319	0.334	0.210B	0.185	26
27	0.225B	0.192A	0.297	0.799	1.37	0.988	0.532	0.465	0.322	0.331	0.188B	0.188	27
28	0.220B	0.179A	0.292	0.727	1.24	1.04	0.495	0.447	0.321	0.361	0.178	0.195B	28
29	0.217B		0.295	0.649	1.90	0.995	0.491	0.449	0.331	0.346	0.231	0.200B	29
30	0.210B		0.296	0.588	2.25	0.948	0.494	0.517	0.340	0.321	0.212	0.202B	30
31	0.209B		0.306		1.58		0.498	0.492		0.332		0.201B	31
TOTAL	6.735	5.449	8.233	20.765	32.708	45.711	25.348	14.935	11.200	10.448	10.024	5.815	TOTAL
MEAN	0.217	0.195	0.266	0.692	1.06	1.52	0.818	0.482	0.373	0.337	0.334	0.188	MEAN
MAX	0.260	0.211	0.413	1.20	2.25	3.41	1.65	0.607	0.482	0.455	0.651	0.248	MAX
MIN	0.168	0.175	0.176	0.329	0.621	0.948	0.491	0.409	0.306	0.287	0.178	0.131	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.541
MAXIMUM DAILY, 3.41 ON JUN 13
MINIMUM DAILY, 0.131B ON DEC 21
MAXIMUM INSTANTANEOUS,
4.20 AT 22:42 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 37 N
LONG 119 58 24 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	582	JUL	2 190
FEB	471	AUG	1 290
MAR	711	SEP	968
APR	1 790	OCT	903
MAY	2 830	NOV	866
JUN	3 950	DEC	502

TOTAL DISCHARGE, 17 100 dam³

LOUIS CREEK AT THE MOUTH - STATION NO. 08LB072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	1.17 B	0.915B	1.90	5.59	16.1	5.61	2.86	2.04	0.958	1.00	1.03	1
2	1.14 B	1.16 B	0.905B	2.23	6.20	15.3	5.49	2.36	1.84	0.977	0.997	1.02	2
3	1.13 B	1.16 B	0.900B	2.58	7.06	14.3	7.19	2.11	1.66	0.959	1.01	0.880	3
4	1.12 B	1.17 B	0.920B	2.82	8.66	17.8	6.08	2.01	1.57	1.02	1.00	1.34	4
5	1.11 B	1.16 B	0.935A	2.96	11.6	17.1	5.37	1.94	1.48	1.16	0.939	1.29	5
6	1.12 B	1.15 B	1.00	3.11	15.9	13.8	8.36	1.91	1.44	1.15	0.964	1.25	6
7	1.13 B	1.14 B	1.12	3.12	14.5	15.0	9.81	1.63	1.36	1.13	0.981	1.21	7
8	1.12 B	1.14 B	1.28	3.57	9.46	11.3	7.53	1.53	1.29	1.13	1.02	1.18	8
9	1.09 B	1.13 B	1.26	3.56	8.71	11.8	6.19	1.51	1.31	1.22	1.06	1.22	9
10	1.05 B	1.12 B	1.30	3.39	9.82	15.7	5.50	1.48	1.29	1.24	1.22	1.21	10
11	1.03 B	1.11 B	1.06	3.24	10.4	19.3	4.97	1.45	1.23	1.14	2.33	1.19	11
12	1.06 B	1.11 B	1.04	3.35	10.5	22.8 E	4.56	1.41	1.18	1.14	3.27	1.16	12
13	1.11 B	1.10 B	0.980B	3.60	9.86	27.6 E	4.31	1.36	1.17	1.12	3.25	1.14	13
14	1.12 B	1.09 B	1.01 B	3.79	10.5	25.1	4.04	1.40	1.15	1.10	2.72	1.09	14
15	1.09 B	1.08 B	1.15	4.25	9.47	20.5	3.79	1.37	1.14	1.08	2.23	1.05	15
16	1.02 B	1.07 B	1.23	4.63	8.66	18.3	3.43	1.29	1.11	1.10	1.92	0.863	16
17	0.920B	1.05 B	1.45	5.14	8.63	17.0	3.34	1.28	1.13	1.11	1.69	0.830B	17
18	0.810B	1.02 B	1.53	5.80	9.03	14.8	3.29	1.28	1.18	1.08	1.47	0.790B	18
19	0.830B	1.05 B	1.78	9.55	12.0	13.9	3.19	1.30	1.15	0.987	1.45	0.750B	19
20	0.950B	1.07 B	1.88	7.64	12.3	14.7	3.01	1.22	1.04	1.05	1.44	0.700B	20
21	1.06 B	1.10 B	2.01	8.94	12.1	12.5	2.84	1.24	1.05	1.12	1.34	0.650B	21
22	1.12 B	1.11 B	1.95	9.11	11.8	11.6	2.68	1.48	1.02	1.11	1.32	0.680B	22
23	1.19 B	1.12 B	1.55 B	9.18	11.3	10.6	2.66	2.24	1.04	1.07	1.40	0.730B	23
24	1.21 B	1.14 B	1.41 B	11.9	13.3	9.51	3.04	2.01	1.06	1.03	1.49	0.780B	24
25	1.23 B	1.12 B	1.43 B	10.3	16.8	8.49	2.91	1.98	1.01	1.03	1.41	0.820B	25
26	1.25 B	1.09 B	1.48 B	8.28	18.9	7.61	2.96	2.75	0.956	1.02	1.32	0.870B	26
27	1.26 B	1.03 B	1.44	7.41	16.8	7.00	5.62	2.39	0.962	1.03	1.00 B	0.900B	27
28	1.25 B	0.990B	1.49	6.59	16.2	6.44	5.34	2.27	0.957	1.03	0.910B	0.910B	28
29	1.22 B		1.46	5.89	19.7	6.11	5.27	1.79	0.924	1.01	1.05 B	0.905B	29
30	1.20 B		1.56	5.53	22.9 E	5.96	5.18	1.92	0.938	1.03	1.13	0.890B	30
31	1.18 B		1.72		18.6		3.17	2.11		1.02		0.880B	31
TOTAL	34.270	30.950	41.095	160.56	376.24	429.62	134.73	54.58	36.677	33.351	44.331	30.208	TOTAL
MEAN	1.11	1.11	1.33	5.35	12.1	14.3	4.35	1.76	1.22	1.08	1.48	0.975	MEAN
MAX	1.26	1.17	2.01	11.9	22.9	27.6	9.81	2.86	2.04	1.24	3.27	1.34	MAX
MIN	0.810	0.990	0.900	1.90	5.58	5.96	2.18	1.22	0.924	0.958	0.910	0.650	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.85
MAXIMUM DAILY, 27.6E ON JUN 13
MINIMUM DAILY, 0.650B ON DEC 21

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 06 N
LONG 120 07 22 W

DRAINAGE AREA, 515 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 960	JUL	11 600
FEB	2 670	AUG	4 720
MAR	3 550	SEP	3 170
APR	13 900	OCT	2 880
MAY	32 500	NOV	3 830
JUN	37 100	DEC	2 610

TOTAL DISCHARGE, 121 000 dam³

MACIVOR CREEK NEAR THE MOUTH - STATION NO. 08JA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.258B	0.110B	0.085B	0.095B	0.628	4.95	3.16	0.908	0.273	0.217	0.184	0.120B	1
2	0.254B	0.108B	0.086B	0.097B	1.02	4.93	2.29	0.781	0.271	0.206	0.172	0.118B	2
3	0.257B	0.107B	0.087B	0.103B	1.33	5.23	2.25	0.714	0.276	0.212	0.187	0.120B	3
4	0.262B	0.107B	0.089B	0.107B	1.76	4.12	2.62	0.715	0.260	0.240	0.169	0.120B	4
5	0.266B	0.107B	0.090B	0.109B	2.11	3.31	2.73	0.675	0.[illegible]	0.213	0.158B	0.119B	5
6	0.268B	0.108B	0.091B	0.111B	1.89	3.06	3.43	0.745	0.241	0.207	0.150B	0.118B	6
7	0.270B	0.109B	0.092B	0.112B	1.52	3.26	2.91	0.700	0.205	0.213	0.146B	0.119B	7
8	0.271B	0.109B	0.092B	0.113B	1.42	3.21	2.50	0.640	0.189	0.309	0.143B	0.122B	8
9	0.264B	0.110B	0.092B	0.115B	1.57	2.95	2.03	0.606	0.176	0.533	0.142B	0.122B	9
10	0.259B	0.108B	0.091B	0.118B	1.70	3.10	1.97	0.658	0.163	0.353	0.141B	0.120B	10
11	0.259B	0.105B	0.090B	0.129B	1.73	4.62	2.10	0.669	0.158	0.260	0.141B	0.118B	11
12	0.261B	0.100B	0.089B	0.145B	1.73	3.38	2.11	0.666	0.167	0.244	0.141B	0.117B	12
13	0.258B	0.094B	0.090B	0.159	1.73	3.17	1.70	0.746	0.168	0.219	0.140B	0.118B	13
14	0.247B	0.087B	0.090B	0.200	1.83	3.48	1.35	0.757	0.167	0.208	0.140B	0.119B	14
15	0.240B	0.083B	0.091B	0.282	2.10	3.86	1.30	0.699	0.170	0.195	0.138B	0.121B	15
16	0.244B	0.080B	0.091B	0.366	2.16	3.31	1.30	0.693	0.166	0.181	0.136B	0.124B	16
17	0.256B	0.079B	0.092B	0.399	2.19	2.84	1.11	0.683	0.161	0.182	0.134B	0.126B	17
18	0.262B	0.079B	0.092B	0.508	2.25	3.25	1.05	0.558	0.165	0.171	0.134B	0.125B	18
19	0.225B	0.080B	0.093B	0.531	2.25	3.80	1.03	0.494	0.164	0.174	0.134B	0.119B	19
20	0.195B	0.082B	0.093B	0.654	2.56	3.32	1.09	0.437	0.161	0.174	0.133B	0.111B	20
21	0.179B	0.084B	0.092B	0.684	2.91	3.92	1.04	0.442	0.157	0.173	0.131B	0.108B	21
22	0.169B	0.085B	0.089B	0.684	2.64	3.84	1.04	0.511	0.157	0.171	0.130B	0.109B	22
23	0.161B	0.086B	0.087B	0.690	2.66	3.11	1.08	0.608	0.150	0.176	0.129B	0.110B	23
24	0.157B	0.086B	0.082B	0.711	2.65	2.38	1.10	0.659	0.146	0.464	0.127B	0.112B	24
25	0.154B	0.085B	0.081B	0.669	2.66	2.44	1.16	0.506	0.142	0.353	0.125B	0.115B	25
26	0.152B	0.084B	0.080B	0.585	3.17	2.48	1.20	0.406	0.148	0.273	0.125B	0.113B	26
27	0.149B	0.083B	0.081B	0.501	4.00	2.21	1.02	0.356	0.153	0.245	0.127B	0.109B	27
28	0.139B	0.084B	0.083B	0.446	5.01	3.05	0.819	0.303	0.162	0.227	0.130B	0.104B	28
29	0.130B		0.085B	0.411	5.41	2.82	0.755	0.280	0.160	0.214	0.129B	0.102B	29
30	0.118B		0.092B	0.457	5.19	3.95	0.750	0.286	0.153	0.212	0.123B	0.103B	30
31	0.112B		0.093B		4.76		0.922	0.275		0.198		0.104B	31
TOTAL	6.696	2.628	2.751	10.291	77.138	103.35	50.916	18.176	5.479	7.417	4.239	3.585	TOTAL
MEAN	0.216	0.094	0.089	0.343	2.49	3.45	1.64	0.586	0.183	0.239	0.141	0.116	MEAN
MAX	0.271	0.110	0.093	0.711	5.41	5.23	3.43	0.908	0.276	0.533	0.187	0.126	MAX
MIN	0.112	0.079	0.080	0.095	0.628	2.21	0.750	0.275	0.142	0.171	0.123	0.102	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.802
MAXIMUM DAILY, 5.41 ON MAY 29
MINIMUM DAILY, 0.079B ON FEB 17
MAXIMUM INSTANTANEOUS,
5.91 AT 18:50 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 07 N
LONG 126 21 00 W
DRAINAGE AREA, 53.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	579	JUL	4 400
FEB	227	AUG	1 570
MAR	238	SEP	473
APR	889	OCT	641
MAY	6 660	NOV	366
JUN	8 930	DEC	310

TOTAL DISCHARGE, 25 300 dam³

MACKAY CREEK AT MONTROYAL BOULEVARD - STATION NO. 08GA061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.151	0.284	0.224	0.155	0.179	0.348	0.039	0.019	0.029	0.016	0.134	0.573	1
2	0.135	0.521	0.238	0.159	0.187	0.259	0.037	0.020	0.020	0.013	0.107	0.450	2
3	0.298	0.805	0.238	0.151	0.197	0.713	0.044	0.020	0.019	0.066	0.141	1.67	3
4	0.511	0.675	0.278	0.152	0.215	0.502	0.032	0.020	0.018	0.526	0.133	2.90	4
5	0.872	0.987	0.270	0.154	0.240	0.281	0.044	0.019	0.016	0.213	0.105	0.983	5
6	0.829	0.542	0.487	0.157	0.188	0.362	0.048	0.019	0.015	0.088	0.102	0.759	6
7	0.826	0.343	0.952	0.152	0.161	0.291	0.043	0.018	0.013	0.059	0.260	0.619	7
8	0.447	0.273	0.577	0.153	0.167	0.275	0.034	0.018	0.012	0.047	0.259	1.02	8
9	0.643	0.514	0.899	0.136	0.170	0.338	0.029	0.016	0.013	0.312	2.02	0.958	9
10	0.392	1.99	0.857	0.124	0.171	0.824	0.026	0.016	0.012	0.194	4.67	0.766	10
11	0.294	1.57	0.374	0.131	0.180	0.563	0.026	0.015	0.011	0.188	2.91	0.624	11
12	0.205	0.592	0.253	0.131	0.185	0.318	0.026	0.016	0.010	0.193	1.02	0.540	12
13	0.300	0.329	0.263	0.131	0.245	0.224	0.024	0.017	0.011	0.127	1.01	0.496	13
14	0.266	0.227	0.357	0.129	0.120	0.162	0.024	0.017	0.010	0.100	0.637	0.541	14
15	0.271	0.183	0.226	0.141	0.118	0.133	0.023	0.017	0.024	0.080	0.484	0.614	15
16	0.229	0.147	0.188	0.161	0.116	0.109	0.022	0.017	0.117	0.066	0.702	0.514	16
17	0.198	0.141	0.238	0.207	0.112	0.086	0.021	0.016	0.027	0.080	1.14	0.752	17
18	0.175	0.128	0.278	0.148	0.112	0.077	0.020	0.016	0.020	0.089	0.507	0.648	18
19	0.152	0.121	0.268	0.199	0.110	0.064	0.021	0.015	0.017	0.072	0.594	0.511	19
20	0.129	0.237	0.279	0.174	0.422	0.062	0.023	0.015	0.016	0.084	0.398	0.427	20
21	0.208	0.181	0.238	0.144	0.338	0.057	0.022	0.015	0.013	0.368	0.590	0.338	21
22	0.846	0.187	0.210	0.159	0.287	0.055	0.021	0.016	0.013	0.214	0.614	0.331	22
23	0.614	0.204	0.187	0.406	0.192	0.050	0.020	0.014	0.012	0.127	3.45	0.317	23
24	0.596	0.272	0.152	0.431	0.156	0.048	0.019	0.014	0.012	0.326	1.43	0.283	24
25	1.04	0.271	0.135	0.511	0.131	0.045	0.019	0.014	0.011	0.654	0.680	0.247	25
26	0.728	0.245	0.127	0.336	0.110	0.043	0.018	0.010	0.011	0.356	0.544	0.273	26
27	0.599	0.231	0.112	0.312	0.135	0.045	0.018	0.010	0.010	0.220	0.433	0.299	27
28	0.934	0.229	0.123	0.229	0.127	0.046	0.020	0.009	0.010	0.155	0.505	0.244	28
29	0.541		0.127	0.187	0.116	0.047	0.020	0.029	0.009	0.244	1.23	0.248	29
30	0.384		0.138	0.172	0.119	0.062	0.020	0.112	0.010	0.241	0.681	0.159	30
31	0.282		0.148		0.402		0.020	0.074		0.160		0.220	31
TOTAL	14.095	12.429	9.441	5.932	5.708	6.489	0.823	0.663	0.541	5.686	27.490	19.324	TOTAL
MEAN	0.455	0.444	0.305	0.198	0.184	0.216	0.027	0.021	0.018	0.183	0.916	0.623	MEAN
MAX	1.04	1.99	0.952	0.511	0.422	0.824	0.048	0.112	0.117	0.654	4.67	2.90	MAX
MIN	0.129	0.121	0.112	0.124	0.110	0.043	0.018	0.009	0.009	0.013	0.102	0.159	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.298
MAXIMUM DAILY, 4.67 ON NOV 10
MINIMUM DAILY, 0.009 ON AUG 28

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 22 N
LONG 123 05 54 W
DRAINAGE AREA, 3.63 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 220	JUL	71.1
FEB	1 070	AUG	57.3
MAR	816	SEP	46.7
APR	513	OCT	491
MAY	493	NOV	2 380
JUN	561	DEC	1 670

TOTAL DISCHARGE, 9 390 dam³

MAHOOD CREEK AT 144 STREET, SURREY - STATION NO. 08MH154

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.512	1.47	0.368	0.296	0.498	0.713	0.164	0.134	0.155	0.352	0.271	2.40	1
2	0.374	7.19	0.330	0.296	0.406	0.419	0.198	0.125	0.120	0.250	0.239	1.34	2
3	3.10	5.38	0.294	0.290	0.349	3.38	0.158	0.123	0.107	1.49	0.797	10.0	3
4	4.33	1.99	0.321	0.271	0.323	1.39	0.159	0.115	0.113	2.42	0.550	7.63	4
5	4.29	2.50	0.298	0.261	0.290	0.599	0.156	0.114	0.110	0.568	0.305	1.98	5
6	3.14	1.53	1.28	0.255	0.267	3.64	0.279	0.098	0.106	0.327	0.287	1.51	6
7	3.63	1.49	4.58	0.239	0.248	1.23	0.210	0.082	0.101	0.240	2.56	0.861	7
8	1.25	0.897	1.64	0.229	0.229	1.55	0.133	0.086	0.111	0.182	1.43	8.66	8
9	3.94	9.36	4.81	0.235	0.240	3.13	0.146	0.074	0.077	0.793	8.41	7.13	9
10	1.26	8.14	2.31	0.231	0.232	2.82	0.137	0.085	0.085	0.230	12.3	2.23	10
11	0.965	2.50	1.24	0.250	0.381	1.11	0.126	0.094	0.094	0.899	3.57	1.38	11
12	0.762	1.17 B	0.832	0.263	0.305	0.681	0.137	0.133	0.095	0.453	3.95	0.954	12
13	1.61	0.750B	1.57	0.386	0.268	0.525	0.142	0.111	0.092	0.200	4.26	1.37	13
14	0.855	0.500B	2.27	0.277	0.212	0.431	0.127	0.119	0.092	0.508	1.41	1.42	14
15	0.995	0.400B	0.960	0.245	0.194	0.365	0.128	0.142	0.235	0.280	1.12	2.29	15
16	0.750	0.360B	0.756	0.227	0.183	0.319	0.135	0.130	1.75	0.206	1.67	1.22	16
17	0.526	0.340B	0.776	0.907	0.193	0.296	0.132	0.116	0.313	0.340	2.91	7.12	17
18	0.456	0.330B	1.21	0.266	0.522	0.271	0.143	0.300	0.182	0.411	0.916	1.74	18
19	0.411	0.340B	0.714	0.994	0.204	0.253	0.139	0.130	0.149	0.194	2.92	0.805	19
20	0.367	1.99	2.04	0.560	0.599	0.241	0.133	0.103	0.157	0.260	1.27	0.525	20
21	1.94	1.74	0.767	0.293	0.424	0.227	0.134	0.128	0.151	1.64	3.92	0.397	21
22	7.24	1.66	0.598	0.554	0.337	0.216	0.129	0.128	0.138	0.349	2.28	0.339	22
23	2.07	1.02	0.615	2.67	0.204	0.283	0.139	0.146	0.122	0.253	6.07	0.302	23
24	7.31	1.08	0.481	0.760	0.192	0.194	0.147	0.116	0.136	0.258	3.17	0.290	24
25	4.97	0.689	0.426	2.89	0.182	0.187	0.137	0.502	0.145	0.356	2.05	0.287	25
26	1.46	0.554	0.412	1.13	0.171	0.181	0.141	0.138	0.145	0.892	1.22	0.367	26
27	3.26	0.467	0.393	1.37	0.431	0.179	0.139	0.110	0.140	0.381	0.857	0.919	27
28	4.33	0.411	0.363	0.787	0.214	0.316	0.120	0.119	0.143	0.387	0.893	0.320	28
29	2.14		0.345	0.553	0.225	0.184	0.120	0.661	0.122	1.03	4.01	0.268	29
30	2.44		0.333	0.464	0.179	0.300	0.123	1.28	0.132	0.681	1.44	0.272	30
31	1.08		0.317		2.48		0.127	0.660		0.334		0.937	31
TOTAL	71.763	56.248	33.649	18.449	11.182	25.330	4.538	6.402	5.618	18.164	77.055	67.263	TOTAL
MEAN	2.31	2.01	1.09	0.615	0.361	0.844	0.146	0.207	0.187	0.586	2.57	2.17	MEAN
MAX	7.31	9.36	4.81	2.89	2.48	3.64	0.279	1.28	1.75	3.42	12.3	10.0	MAX
MIN	0.367	0.330	0.294	0.227	0.171	0.179	0.120	0.074	0.077	0.182	0.239	0.268	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 12.3 ON NOV 10
MINIMUM DAILY, 0.074 ON AUG 09
MAXIMUM INSTANTANEOUS,
21.8 AT 17:17 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 46 N
LONG 122 49 19 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 200	JUL	392
FEB	4 860	AUG	553
MAR	2 910	SEP	485
APR	1 590	OCT	1 570
MAY	966	NOV	6 660
JUN	2 190	DEC	5 810

TOTAL DISCHARGE, 34 200 dam³

MAMQUAM RIVER ABOVE RING CREEK - STATION NO. 08GA075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.30E	14.3	3.48	22.6	16.1	23.0E	38.1	15.9	17.1	11.9 E	11.4	20.0	1
2	3.12E	16.1	3.53	21.0	18.4	16.8E	35.8	12.3	10.9	12.2	7.83	17.6	2
3	2.85E	8.12	3.58	15.4	24.7	55.0E	40.8	11.7	10.2	18.8 E	6.94	25.9	3
4	3.11E	8.04	5.70	52.0	36.7A	108 E	34.4	14.1	10.2	63.3 E	7.90	59.8	4
5	11.6 E	6.06	7.41	22.9	49.3	54.0E	40.1	16.1	10.3	23.4	7.64	30.1	5
6	22.3 E	4.56	13.1	25.3	41.4A	26.3E	53.0	16.3	10.7	9.52	5.57	22.6	6
7	36.2 E	3.48	20.0	28.6	23.6E	30.5E	41.6	12.8	11.9	5.46	6.94	19.5	7
8	20.9 A	2.94	13.6	29.2	13.1E	34.1E	34.6	12.4	14.4	3.73	7.69	29.9	8
9	20.5	3.29	8.50	26.9E	14.8E	29.1E	31.2	14.1	14.1	12.4 E	65.1	28.8	9
10	14.4	15.3	12.1	20.2E	17.4E	35.0E	30.8	18.5	13.1	15.9	210	23.0	10
11	8.70	29.4	6.85	26.6E	22.2E	56.0E	33.4	22.6A	13.4	8.45E	224	19.6	11
12	7.69	12.6	4.90	28.9E	18.2E	30.9A	36.9	25.1	15.4E	12.6 E	113	17.0	12
13	9.74	5.67E	3.96	23.0E	25.0E	30.4	32.3	26.3	12.8	10.8	137	15.6	13
14	11.8	3.59B	3.65	21.2E	21.5E	36.9	29.0	21.8	12.9	6.00	44.8	14.7	14
15	10.3	2.45B	3.45	29.3E	19.0E	42.6	28.6	18.4	12.5E	4.19	32.3	15.4	15
16	7.90	1.91B	3.73	40.4E	15.0E	40.0	25.0	17.2	13.0E	3.63	51.9	14.0	16
17	6.00	1.65B	7.94	54.5E	14.2E	35.0	19.3	16.3	12.8E	5.45E	49.2	13.8	17
18	4.81	1.49B	17.9	44.0E	13.7E	36.2	16.3	17.0	11.3E	14.6 E	28.7	14.1 E	18
19	4.08	1.50B	16.4	37.0A	13.0E	37.8	17.5	18.6	11.0E	10.1	22.8	13.0 B	19
20	3.60	1.77B	18.0	43.1	32.5E	37.6	18.3	21.2	10.9E	4.94	18.3	12.1 B	20
21	3.55	1.90B	18.5	39.2	34.0E	43.3	18.7	21.5	13.1E	9.39E	15.7	11.2 B	21
22	4.81	1.94B	13.3	33.5	67.0E	52.3	18.1	20.9	17.0E	8.70	22.3	10.4 B	22
23	4.09	1.96B	9.25	32.8	50.0E	52.1	17.0	15.7A	16.4	5.34	215	9.55B	23
24	3.64	2.20B	7.17	33.6	31.5E	45.4	14.0	12.6	15.9E	19.6	71.0	8.66B	24
25	5.75	4.00B	6.19	27.4	20.0E	40.0	12.3	13.9A	17.6	144 A	38.2	7.90B	25
26	4.52	4.03	5.64	22.6	12.6E	35.3	14.1	11.4	17.4E	41.8	28.9	7.45B	26
27	3.66	3.58	6.07	19.3	17.8E	30.1	13.5	11.1	14.8	23.6 E	24.6	6.90B	27
28	3.71	3.45	7.62	16.3	27.7E	35.9	14.9	12.0	13.8E	41.1 E	22.3	6.55B	28
29	3.50		11.0	14.6	24.0E	36.3	16.0	14.4	14.4E	25.9 E	55.0	6.20B	29
30	3.18		14.6	13.9	19.0E	47.7	17.4	27.2E	12.3E	34.1 E	23.8	5.85B	30
31	2.75		19.4		26.9E		17.5	34.9		18.2		5.60B	31
TOTAL	258.06	167.32	296.52	851.3	780.3	1 213.6	810.5	544.3	401.6	629.10	1 553.81	512.76	TOTAL
MEAN	8.32	5.98	9.57	28.4	25.2	40.5	26.1	17.6	13.4	20.3	51.8	16.5	MEAN
MAX	36.2	29.4	20.0	54.5	67.0	108	53.0	34.9	17.6	144	224	59.8	MAX
MIN	2.75	1.49	3.45	13.9	12.6	16.8	12.3	11.1	10.2	3.63	5.57	5.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.0
MAXIMUM DAILY, 224 ON NOV 11
MINIMUM DAILY, 1.49B ON FEB 18
MAXIMUM INSTANTANEOUS,
431 AT 17:07 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 32 N
LONG 123 06 03 W
DRAINAGE AREA, 281 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 300	JUL	70 000
FEB	14 500	AUG	47 000
MAR	25 600	SEP	34 700
APR	73 600	OCT	54 400
MAY	67 400	NOV	134 000
JUN	105 000	DEC	44 300

TOTAL DISCHARGE, 693 000 dam³

MARK CREEK ABOVE DIVERSIONS - STATION NO. 08NG085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.279B	0.211B	0.189	0.430	1.64	9.47	3.91	0.771	0.388	0.248	0.336	0.449	1
2	0.273B	0.212B	0.190	0.629	1.69	8.43	3.33	0.761	0.358	0.262	0.309	0.504	2
3	0.267B	0.222B	0.192	0.769	1.93	8.05	2.99	0.692	0.340	0.258	0.519	0.458	3
4	0.259B	0.230B	0.192	0.758	2.31	8.28	2.65	0.626	0.342	0.519	0.441	0.427	4
5	0.281B	0.226B	0.193	0.736	3.60	7.59	2.50	0.596	0.316	0.738	0.317	0.423	5
6	0.282B	0.230B	0.193	0.743	5.79	6.89	2.58	0.564	0.304	0.419	0.544	0.397	6
7	0.288B	0.228B	0.193	0.796	5.50	6.63	2.50	0.544	0.299	0.385	0.577	0.370	7
8	0.283B	0.229B	0.193	0.822	4.51	6.34	2.31	0.494	0.284	0.365	0.505	0.382	8
9	0.285B	0.218B	0.193	0.737	3.79	5.95	2.23	0.489	0.283	0.338	0.362	0.361	9
10	0.290B	0.230B	0.192	0.666	3.38	7.67	2.09	0.470	0.291	0.366	0.586	0.357	10
11	0.270B	0.233B	0.192	0.615	3.29	8.09	1.92	0.474	0.278	0.344	0.527	0.335	11
12	0.235B	0.225B	0.191	0.589	3.16	6.38	1.82	0.480	0.272	0.355	0.450	0.266B	12
13	0.250B	0.206B	0.190	0.582	3.20	5.37	1.80	0.492	0.268	0.340	0.412	0.300B	13
14	0.297B	0.186B	0.191	0.593	3.26	4.68	1.64	0.439	0.276	0.315	0.414	0.340B	14
15	0.297B	0.185B	0.190	0.652	3.26	4.61	1.43	0.426	0.256	0.318	0.388	0.372B	15
16	0.292B	0.193B	0.190	0.788	3.18	5.23	1.31	0.435	0.253	0.318	0.364	0.373	16
17	0.265B	0.212B	0.189	1.06	3.13	5.43	1.18	0.428	0.278	0.298	0.351	0.354B	17
18	0.238B	0.210B	0.189	1.34	3.49	5.76	1.14	0.410	0.280	0.309	0.495	0.345B	18
19	0.214B	0.200B	0.192	1.82	3.70	6.26	1.10	0.423	0.268	0.298	0.811	0.300B	19
20	0.209B	0.174B	0.197	2.28	3.68	6.70	1.03	0.421	0.271	0.290	0.353	0.210B	20
21	0.225B	0.174B	0.195	2.63	3.57	6.49	0.935	0.400	0.265	0.287	0.666	0.188B	21
22	0.255B	0.180B	0.190	2.81	3.59	6.45	0.859	0.391	0.248	0.277	0.966	0.191B	22
23	0.239B	0.167	0.186B	2.89	4.57	6.79	0.824	0.402	0.254	0.279	0.565	0.212B	23
24	0.237B	0.174	0.189B	2.86	5.89	6.80	0.845	0.398	0.258	0.292	0.577	0.245B	24
25	0.236B	0.187	0.193B	2.69	8.07	6.29	1.38	0.500	0.254	0.306	0.582	0.298B	25
26	0.230B	0.188	0.197B	2.48	8.08	5.84	1.52	0.551	0.257	0.341	0.569B	0.308B	26
27	0.225B	0.188	0.216B	2.27	7.19	4.84	1.23	0.466	0.252	0.301	0.551B	0.318B	27
28	0.225B	0.188	0.249	2.06	7.25	4.21	1.06	0.439	0.243	0.323	0.588B	0.314B	28
29	0.226B		0.257	1.81	8.91	3.70	0.942	0.379	0.242	0.314	0.579B	0.299B	29
30	0.220B		0.289	1.68	9.89	4.28	0.858	0.372	0.245	0.328	0.529	0.295B	30
31	0.211B		0.348		9.45		0.827	0.405		0.349		0.294B	31
TOTAL	7.889	5.706	6.339	41.585	143.85	189.50	52.740	15.138	8.423	10.467	15.453	10.315	TOTAL
MEAN	0.255	0.204	0.205	1.39	4.64	6.32	1.70	0.488	0.281	0.338	0.515	0.333	MEAN
MAX	0.297	0.233	0.348	2.89	9.89	9.47	3.91	0.771	0.388	0.738	0.966	0.504	MAX
MIN	0.209	0.167	0.186	0.430	1.64	3.70	0.824	0.372	0.242	0.248	0.309	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.39
MAXIMUM DAILY, 9.89 ON MAY 30
MINIMUM DAILY, 0.167 ON FEB 23
MAXIMUM INSTANTANEOUS,
10.2 AT 04:36 MST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 48 N
LONG 116 01 48 W
DRAINAGE AREA, 102 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	682	JUL	4 560
FEB	493	AUG	1 310
MAR	548	SEP	728
APR	3 590	OCT	904
MAY	12 400	NOV	1 340
JUN	16 400	DEC	891

TOTAL DISCHARGE, 43 800 dam³

MATHER CREEK BELOW HOULE CREEK - STATION NO. 08NG076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.322E	0.280E	0.251E	0.471	1.94	10.8	4.89	1.18	0.576	0.342	0.512	0.480	1
2	0.325E	0.282E	0.255E	0.638	1.92	12.0	4.53	1.12	0.549	0.364	0.450	0.463	2
3	0.316E	0.295E	0.260E	0.818	1.91	11.4	3.96	1.08	0.518	0.379	0.397	0.441	3
4	0.317E	0.307E	0.270E	0.866	1.97	11.3	3.52	0.990	0.520	0.441	0.424	0.481	4
5	0.318E	0.304E	0.281E	0.861	2.24	10.3	3.14	0.950	0.525	0.804	0.413	0.464	5
6	0.325E	0.305E	0.300E	0.909	2.90	9.57	3.03	0.896	0.499	0.572	0.357	0.435	6
7	0.309E	0.305E	0.317	1.05	3.00	8.88	2.98	0.870	0.478	0.480	0.404	0.427	7
8	0.311E	0.304E	0.316	1.21	2.80	8.47	2.78	0.819	0.462	0.438	0.422	0.403	8
9	0.301E	0.293E	0.323	1.14	2.49	8.01	2.55	0.775	0.453	0.438	0.444	0.446	9
10	0.296E	0.310E	0.332	1.04	2.31	8.56	2.42	0.765	0.451	0.447	0.647	0.460	10
11	0.287E	0.311E	0.337	0.963	2.23	10.1	2.31	0.743	0.435	0.421	0.707	0.427	11
12	0.286E	0.301E	0.330	0.961	2.15	9.15	2.22	0.718	0.425	0.443	0.620	0.356	12
13	0.310E	0.275E	0.287	0.975	2.10	7.96	2.12	0.723	0.417	0.461	0.565	0.371	13
14	0.341E	0.257E	0.241	1.00	2.22	6.99	1.99	0.676	0.430	0.443	0.572	0.371	14
15	0.346E	0.248E	0.224	1.13	2.35	6.60	1.82	0.694	0.432	0.420	0.531	0.376	15
16	0.339E	0.257E	0.239	1.34	2.26	6.68	1.61	0.680	0.427	0.436	0.488	0.386	16
17	0.325E	0.283E	0.250	1.56	2.56	7.23	1.54	0.661	0.440	0.408	0.463	0.358	17
18	0.307E	0.280E	0.252	1.82	2.52	7.35	1.46	0.626	0.433	0.439	0.393	0.381	18
19	0.290E	0.267E	0.268	2.30	2.79	7.71	1.40	0.633	0.430	0.439	0.405	0.303	19
20	0.280E	0.235E	0.288	2.77	2.67	7.90	1.38	0.613	0.441	0.414	0.415	0.250B	20
21	0.295E	0.230E	0.313	2.98	2.65	7.93	1.29	0.626	0.421	0.408	0.330	0.205B	21
22	0.335E	0.229E	0.309	3.21	2.50	7.73	1.28	0.651	0.399	0.411	0.443	0.196B	22
23	0.320E	0.229E	0.236	3.28	2.88	7.81	1.32	0.604	0.396	0.396	0.509	0.216B	23
24	0.315E	0.231E	0.241	3.20	3.52	7.91	1.20	0.582	0.385	0.393	0.760	0.275B	24
25	0.314E	0.244E	0.301	2.98	6.27	7.62	1.54	0.664	0.374	0.409A	0.721	0.310B	25
26	0.307E	0.252E	0.315	2.81	6.97	7.09	2.05	0.778	0.359	0.444	0.661	0.324B	26
27	0.300E	0.254E	0.267A	2.61	6.39	6.34	1.69	0.670	0.353	0.438	0.503	0.331B	27
28	0.302E	0.250E	0.265	2.47	6.27	5.64	1.54	0.594	0.347	0.442	0.426	0.335B	28
29	0.302E		0.297	2.18	7.00	4.96	1.36	0.579	0.346	0.448	0.571	0.319B	29
30	0.295E		0.330	2.00	8.60	4.79	1.23	0.572	0.337	0.451	0.501	0.310B	30
31	0.291E		0.376		9.70E		1.18	0.567		0.542		0.311B	31
TOTAL	9.627	7.618	8.869	51.542	109.78	244.80	67.03	23.059	13.058	13.811	15.054	11.211	TOTAL
MEAN	0.311	0.272	0.286	1.72	3.54	8.16	2.16	0.744	0.435	0.446	0.502	0.362	MEAN
MAX	0.346	0.311	0.376	3.28	9.70	12.0	4.89	1.18	0.576	0.804	0.760	0.481	MAX
MIN	0.280	0.229	0.224	0.471	1.91	4.79	1.18	0.567	0.337	0.342	0.330	0.196	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 12.0 ON JUN 02
MINIMUM DAILY, 0.196B ON DEC 22
MAXIMUM INSTANTANEOUS,
12.2 AT 06:35 MST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 30 N
LONG 115 55 30 W
DRAINAGE AREA, 136 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	832	JUL	5 790
FEB	658	AUG	1 990
MAR	766	SEP	1 130
APR	4 450	OCT	1 190
MAY	9 480	NOV	1 300
JUN	21 200	DEC	969

TOTAL DISCHARGE, 49 800 dam³

MATTHEW CREEK ABOVE DIVERSIONS - STATION NO. 08NG086

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.733B	0.500B	0.320B	1.68	2.96	18.6 E	8.42E	2.64	1.18	0.559	0.833	0.927	1
2	0.709B	0.474B	0.325B	2.63	3.01	17.2 E	7.70E	2.50	1.04	0.651	0.680	0.898	2
3	0.686B	0.473B	0.334B	3.17	3.24	16.1 E	6.71E	2.23	0.996	0.627	0.711	0.913	3
4	0.709B	0.460B	0.341B	2.92	4.17	16.3 E	6.20E	2.07	0.958	2.94	0.806	0.933	4
5	0.723B	0.451B	0.350B	2.60	6.59	15.1 E	6.75E	1.95	0.915	4.94	0.712	0.919	5
6	0.730B	0.457B	0.363B	2.63	9.43	14.1 E	8.11	1.91	0.876	1.96	0.597	0.880	6
7	0.736B	0.453B	0.368B	2.89	7.88	13.5 E	7.45	1.82	0.844	1.17	0.735	0.827	7
8	0.722B	0.450B	0.386B	2.98	6.41	12.8 E	6.65	1.64	0.810	1.13	0.728	0.852	8
9	0.741B	0.437B	0.403B	2.61	5.49	12.4 E	6.87	1.51	0.789	1.03	0.757	0.850	9
10	0.746B	0.452B	0.400B	2.20	5.02	14.5 E	7.03	1.48	0.766	1.07	1.38	0.809	10
11	0.640B	0.460B	0.403B	1.97	4.75	15.9 E	7.00	1.45	0.767	0.934	1.77	0.784	11
12	0.613B	0.443B	0.410B	1.95	4.55	13.2 E	6.97	1.37	0.736	0.931	1.36	0.474B	12
13	0.660B	0.400B	0.410B	1.92	4.53	11.7 E	6.78	1.34	0.728	0.898	1.35	0.600B	13
14	0.760B	0.370B	0.412	2.01	4.45	10.1 E	5.92	1.26	0.710	0.847	1.38	0.720B	14
15	0.760B	0.364B	0.414	2.37	4.53	9.80E	5.13	1.23	0.700	0.815	1.25	0.773B	15
16	0.745B	0.375B	0.420	2.84	4.47	10.7 E	4.81	1.20	0.726	0.793	1.17	0.760B	16
17	0.660B	0.419B	0.416	3.41	4.56	11.0 E	4.29	1.14	0.745	0.744	1.11	0.740B	17
18	0.600B	0.410B	0.422	4.02	4.71	11.7 E	3.77	1.10	0.721	0.765	1.04	0.710B	18
19	0.552B	0.389B	0.439	4.85	4.75	12.6 E	3.54	1.07	0.679	0.743	1.02	0.610B	19
20	0.542B	0.348B	0.472	5.58	4.73	13.4 E	3.34	1.07	0.649	0.703	1.00	0.448B	20
21	0.590B	0.345B	0.468	6.02	4.69	13.3 E	3.13	1.18	0.627	0.711	0.954	0.392B	21
22	0.645B	0.347B	0.452	6.12	4.69	13.1 E	3.08	1.19	0.622	0.692	0.953	0.400B	22
23	0.614B	0.350B	0.453	5.85	5.67	13.6 E	3.06	1.54	0.630	0.679	1.04	0.450B	23
24	0.604B	0.350B	0.439B	5.60	7.94	13.6 E	3.91	1.20	0.630	0.670	1.04	0.579B	24
25	0.603B	0.350B	0.428B	5.12	10.7	12.8 E	5.22	1.48	0.617	0.697	1.45	0.610B	25
26	0.594B	0.349B	0.464	4.48	9.27	12.0 E	4.85	1.89	0.596	0.866	1.26	0.640B	26
27	0.571B	0.343B	0.480	4.06	8.72	10.5 E	3.93	1.33	0.580	0.758	0.993	0.656B	27
28	0.578B	0.327B	0.530	3.71	10.5	9.20E	3.36	1.15	0.573	0.858	0.962	0.648B	28
29	0.575B		0.604	3.28	17.1 A	8.22E	2.97	1.05	0.557	0.835	1.04	0.620B	29
30	0.550B		0.773	3.02	19.4 E	8.80E	2.86	1.12	0.544	0.830	1.04	0.609B	30
31	0.529B		1.08		18.9 E		2.84	1.35		0.871	0.962	0.609B	31
TOTAL	20.220	11.346	13.979	104.49	217.81	385.72	161.55	46.47	22.311	32.937	31.043	21.640	TOTAL
MEAN	0.652	0.405	0.451	3.48	7.03	12.9	5.21	1.50	0.744	1.06	1.03	0.698	MEAN
MAX	0.760	0.500	1.08	6.12	19.4	18.6	8.42	2.64	1.18	4.94	1.77	0.933	MAX
MIN	0.529	0.327	0.320	1.68	2.96	8.22	2.84	1.05	0.544	0.559	0.597	0.392	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.93
MAXIMUM DAILY, 19.4E ON MAY 30
MINIMUM DAILY, 0.320B ON MAR 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 38 N
LONG 116 04 13 W
DRAINAGE AREA, 148 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 750	JUL	14 000
FEB	980	AUG	4 020
MAR	1 210	SEP	1 930
APR	9 030	OCT	2 850
MAY	18 800	NOV	2 680
JUN	33 300	DEC	1 870

TOTAL DISCHARGE, 92 400 dam³

MCDONALD CREEK NEAR BRIDGE LAKE - STATION NO. 08LF095

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.075B	0.298	0.305	0.180	0.082	0.018	0.005A	---	---	1
2	---	---	---	0.080B	0.293	0.277	0.281	0.074	0.016	---	---	---	2
3	---	---	---	0.090B	0.284	0.273	0.452	0.071	0.014	---	---	---	3
4	---	---	---	0.102B	0.272	0.382	0.412	0.054	0.012	---	---	---	4
5	---	---	---	0.115B	0.254	0.536	0.306	0.039	0.011	---	---	---	5
6	---	---	---	0.140B	0.258	0.499	1.11	0.028	0.011	---	---	---	6
7	---	---	---	0.170B	0.256	0.453	1.83	0.011	0.011	---	---	---	7
8	---	---	---	0.200B	0.257	0.409	1.03	0.006	0.011	---	---	---	8
9	---	---	---	0.195B	0.236	0.361	0.679	0.006	0.010	---	---	---	9
10	---	---	---	0.190B	0.226	0.341	0.521	0.006	0.009	---	---	---	10
11	---	---	---	0.210B	0.210	0.826	0.396	0.005	0.008	---	---	---	11
12	---	---	---	0.241	0.207	3.25	0.317	0.005	0.008	---	---	---	12
13	---	---	---	0.261	0.205	2.57	0.276	0.006	0.007	---	---	---	13
14	---	---	---	0.290	0.199	1.43	0.242	0.009	0.007	---	---	---	14
15	---	---	---	0.325	0.186	1.01	0.212	0.010	0.007	---	---	---	15
16	---	---	---	0.352	0.174	0.748	0.191	0.005	0.010	---	---	---	16
17	---	---	---	0.401	0.191	0.579	0.176	0.003	0.009	---	---	---	17
18	---	---	---	0.473	0.229	0.513	0.163	0.003	0.009	---	---	---	18
19	---	---	---	0.542	0.244	0.498	0.152	0.002	0.007	---	---	---	19
20	---	---	---	0.558	0.240	0.640	0.142	0.002	0.007	---	---	---	20
21	---	---	---	0.511	0.206	0.538	0.130	0.002	0.006	---	---	---	21
22	---	---	---	0.473	0.190	0.412	0.121	0.002	0.007	---	---	---	22
23	---	---	---	0.465	0.188	0.326	0.115	0.006	0.006	---	---	---	23
24	---	---	---	0.747	0.217	0.292	0.115	0.007	0.006	---	---	---	24
25	---	---	---	0.698	0.371	0.262	0.118	0.016	0.006	---	---	---	25
26	---	---	---	0.561	0.580	0.220	0.109	0.022	0.006	---	---	---	26
27	---	---	---	0.513	0.505	0.214	0.093	0.016	0.005	---	---	---	27
28	---	---	---	0.435	0.401	0.220	0.091	0.014	0.005	---	---	---	28
29	---	---	---	0.372	0.401	0.224	0.081	0.014	0.005	---	---	---	29
30	---	---	---	0.320	0.423	0.200	0.079	0.018	0.005	---	---	---	30
31	---	---	---		0.372		0.077	0.020		---	---	---	31
TOTAL	---	---	---	10.105	8.573	18.808	10.194	0.564	0.259	---	---	---	TOTAL
MEAN	---	---	---	0.337	0.277	0.627	0.329	0.018	0.009	---	---	---	MEAN
MAX	---	---	---	0.747	0.580	3.25	1.83	0.082	0.018	---	---	---	MAX
MIN	---	---	---	0.075	0.174	0.200	0.077	0.002	0.005	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.25 ON JUN 12

MAXIMUM INSTANTANEOUS,
3.94 AT 16:45 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 55 N
LONG 120 36 55 W
DRAINAGE AREA, 20.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	881
FEB	---	AUG	48.7
MAR	---	SEP	22.4
APR	873	OCT	---
MAY	741	NOV	---
JUN	1 630	DEC	---

MCFAYDEN CREEK NEAR VALLICAN - STATION NO. 08NJ126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.110	0.180	0.588	0.163	0.021	---	0.014	---	---	1
2	---	---	---	---	0.182	0.494	0.144	---	0.025	---	---	---	2
3	---	---	---	0.123	0.176	0.472	0.112	0.080	---	0.018	---	---	3
4	---	---	---	---	0.212	0.494	0.124	---	0.023	---	---	---	4
5	---	---	---	0.106	0.339	0.464	0.060	0.070	---	0.043	---	---	5
6	---	---	---	---	0.471	0.450	0.055	---	0.025	---	---	---	6
7	---	---	---	0.096	0.363	0.494	0.055	0.047	---	0.018	---	---	7
8	---	---	---	---	0.288	0.450	0.050	---	0.016	---	---	---	8
9	---	---	---	0.103	0.250	0.384	0.046	0.056	---	0.018	---	---	9
10	---	---	---	---	0.235	0.712	0.042	---	0.013	---	---	---	10
11	---	---	---	0.080	0.236	0.494	0.035	0.042	---	0.018	---	---	11
12	---	---	---	---	0.255	0.472	0.033	---	0.021	---	---	---	12
13	---	---	---	0.074	0.266	0.450	0.033	0.033	---	0.024	---	---	13
14	---	---	---	---	0.263	0.384	0.029	---	0.018	---	---	---	14
15	---	---	---	0.089	0.237	0.364	0.027	0.033	---	0.020	---	---	15
16	---	---	---	---	0.234	0.384	0.025	---	0.018	---	---	---	16
17	---	---	---	0.116	0.239	0.384	0.025	0.033	---	0.018	---	---	17
18	---	---	---	---	0.262	0.364	0.036	---	0.017	---	---	---	18
19	---	---	---	0.159	0.294	0.344	0.035	0.031	---	0.021	---	---	19
20	---	---	---	---	0.305	0.344	0.033	---	0.017	---	---	---	20
21	---	---	---	0.195	0.316	0.326	0.031	0.031	---	0.025	---	---	21
22	---	---	---	---	0.327	0.326	0.027	---	0.016	---	---	---	22
23	---	---	---	0.322	0.388	0.344	0.027	0.042	---	0.021	---	---	23
24	---	---	---	0.284	0.432	0.308	0.027	---	0.016	---	---	---	24
25	---	---	---	0.254	0.484	0.290	0.038	0.043	---	0.024	---	---	25
26	---	---	---	---	0.471	0.272	0.042	---	0.016	---	---	---	26
27	---	---	---	0.249	0.411	0.248	0.035	0.025	---	0.025	---	---	27
28	---	---	---	---	0.432	0.212	0.027	---	0.016	---	---	---	28
29	---	---	---	0.249	0.609	0.198	0.025	0.025	---	0.024	---	---	29
30	---	---	---	---	1.10	0.170	0.024	---	0.014	---	---	---	30
31	---		---		0.494		0.023	0.042		0.045		---	31
TOTAL	---	---	---	---	10.751	11.680	1.508	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.347	0.389	0.049	---	---	---	---	---	MEAN
MAX	---	---	---	---	1.10	0.712	0.163	---	---	---	---	---	MAX
MIN	---	---	---	---	0.176	0.170	0.023	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.10 ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 34 14 N
LONG 117 39 22 W
DRAINAGE AREA, 5.7 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	130
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	929	NOV	---
JUN	1 010	DEC	---

MCGREGOR RIVER AT LOWER CANYON - STATION NO. 08KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	91.5B	42.9B	37.0B	39.0B	207	1 680	585E	269	164	69.4A	106	58.5B	1
2	89.0B	42.1B	37.4B	40.2B	257E	1 110	598E	247	157	96.8A	96.5	58.1B	2
3	86.5B	41.7B	37.0B	41.6B	317E	959	570E	212	126	86.7A	88.2	59.8B	3
4	84.0B	41.0B	36.8B	43.9B	420E	980	540E	205	104	73.8A	84.0B	62.2B	4
5	82.4B	40.6B	36.6B	45.8B	548A	826	510E	218	103	76.7A	73.0B	64.0B	5
6	81.4B	40.0B	36.2B	48.5B	775A	708	480E	233	114	71.3A	66.5B	63.8B	6
7	80.0B	39.7B	35.9B	51.5B	571	680	465E	231	116	67.9A	65.4B	62.7B	7
8	78.4B	39.4B	35.8B	54.6B	422	706	458E	190	116	77.6A	66.8B	61.2B	8
9	76.2B	39.3B	35.7B	57.9B	346	750	459E	176	112	276 A	65.6B	59.8B	9
10	73.0B	39.2B	35.4B	62.4B	358	745	465E	187	105	301 A	60.1B	59.1B	10
11	69.4B	39.1B	34.9B	68.5B	399A	909	470E	210	105	169 A	56.2B	59.0B	11
12	66.2B	38.8B	34.6B	75.4B	367	1 130	475E	240	102	143 A	64.0B	59.1B	12
13	64.1B	38.4B	34.4B	85.5B	333	985	486E	254	101	183 A	80.0B	59.5B	13
14	63.0B	37.9B	34.3B	95.0B	337	821	495E	266	95.8	139 A	111 B	60.0B	14
15	60.9B	37.2B	34.2B	1[illegible] B	356	778	500E	254	102	106 A	92.5B	60.5B	15
16	59.3B	36.7B	34.2B	113 B	395A	827	475E	226	112	94.3A	80.2B	57.5B	16
17	57.4B	36.1B	34.3B	123 B	410E	746	440E	217	120 A	83.0	73.7B	55.6B	17
18	56.3B	35.8B	34.7B	133 B	465E	653	400E	213	113 A	79.4	67.6B	53.0B	18
19	55.4B	35.4B	35.2B	262 A	512E	620	360E	192	99.4A	80.9	64.5B	51.0B	19
20	54.2B	35.3B	36.1B	325 A	575E	637	330E	181	89.9A	75.0	62.0B	49.5B	20
21	53.3B	35.2B	36.4B	392 E	630E	671	300E	181	76.8A	76.6	60.8B	48.2B	21
22	51.9B	35.2B	36.6B	358 A	708E	766	278E	192	79.7A	82.9	61.0B	48.1B	22
23	51.2B	35.1B	36.8B	361 A	785E	873	261E	182	92.8A	78.9	62.4B	48.7B	23
24	50.8B	35.2B	36.9B	403 E	778E	813	258E	140	114 A	108	60.5B	49.2B	24
25	50.4B	35.3B	37.0B	348	743A	680	267E	112	121 A	220	58.6B	49.8B	25
26	49.8B	35.6B	36.9B	295	801	663	307A	100	109 A	283	59.4B	50.2B	26
27	49.0B	35.9B	36.8B	249	851	651	307	92.7	86.7A	229	61.4B	50.0B	27
28	48.0B	36.2B	37.1B	209	882	591	272	91.2	75.0A	225	61.9B	48.2B	28
29	46.8B		37.4B	184	975	579A	252	97.5	72.1A	194	61.5B	47.8B	29
30	45.4B		37.7B	181	1 110	574E	250	109	70.8E	146	60.0B	47.6B	30
31	43.9B		38.2B		1 670		263	132		122		47.5B	31
TOTAL	1 969.1	1 060.3	1 118.6	4 849.8	18 303	24 111	12 576	5 850.4	3 155.0	4 115.2	2 131.3	1 709.2	TOTAL
MEAN	63.5	37.9	36.1	162	590	804	406	189	105	133	71.0	55.1	MEAN
MAX	91.5	42.9	38.2	403	1 670	1 680	598	269	164	301	111	64.0	MAX
MIN	43.9	35.1	34.2	39.0	207	574	250	91.2	70.8	67.9	56.2	47.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 222
MAXIMUM DAILY, 1 680 ON JUN 01
MINIMUM DAILY, 34.2B ON MAR 15
MAXIMUM INSTANTANEOUS,
2 010 AT 00:00 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 56 N
LONG 121 40 00 W
DRAINAGE AREA, 4 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	170 000	JUL	1 090 000
FEB	91 600	AUG	505 000
MAR	96 600	SEP	273 000
APR	419 000	OCT	356 000
MAY	1 580 000	NOV	184 000
JUN	2 080 000	DEC	148 000

TOTAL DISCHARGE, 6 990 000 dam³

MCKALE RIVER NEAR 940 M CONTOUR - STATION NO. 08KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.20B	1.50B	1.11B	1.11B	4.74	63.0	42.3	15.2	6.73	2.71	2.20E	1.88B	1
2	2.17B	1.48B	1.10B	1.10B	5.09	49.2	36.9	12.7	6.43	3.02	2.34E	1.83B	2
3	2.14B	1.47B	1.09B	1.10B	6.14	48.3	37.5	11.7	5.18	2.95	2.32E	1.82B	3
4	2.09B	1.47B	1.09B	1.10B	8.51	45.0	35.4	11.7	4.66	3.71	2.22E	1.83B	4
5	2.05B	1.46B	1.10B	1.10B	14.6	36.3	39.1	12.3	4.40	3.08	2.15E	1.84B	5
6	2.06B	1.45B	1.11B	1.09B	22.9	32.7	50.0	13.0	4.31	2.83	2.09B	1.81B	6
7	2.04B	1.44B	1.12B	1.10B	14.6	33.0	41.4	10.9	4.13	2.85	2.11B	1.78B	7
8	2.01B	1.43B	1.12B	1.10B	10.7	36.8	41.1	9.09	4.00	3.10	2.19B	1.79B	8
9	1.99B	1.41B	1.11B	1.12B	9.07	39.5	43.1	9.17	3.82	4.61	2.17B	1.78B	9
10	1.98B	1.39B	1.10B	1.13B	9.02	42.8	39.9	9.48	3.66	3.44	2.08B	1.76B	10
11	1.97B	1.37B	1.10B	1.18B	9.75	61.7	44.7	9.57	3.57	3.01	2.02B	1.72B	11
12	1.95B	1.36B	1.10B	1.28B	9.21	51.4	50.7	9.47	3.81	3.03	2.40B	1.71B	12
13	1.94B	1.33B	1.10B	1.35B	8.56	43.5	41.3	9.49	3.53	2.84	3.09B	1.73B	13
14	1.94B	1.29B	1.11B	1.60B	8.44	41.4	29.4	9.31	3.40	2.70	2.80B	1.75B	14
15	1.92B	1.24B	1.11B	1.89B	9.20	45.8	25.1	8.22	3.23	2.57	2.56B	1.71B	15
16	1.88B	1.18B	1.11B	2.22B	10.4	52.0	25.7	7.55	5.53	2.59A	2.40B	1.69B	16
17	1.83B	1.14B	1.12B	2.46	11.9	47.4	21.3	7.44	4.44	2.57E	2.28B	1.64B	17
18	1.77B	1.10B	1.12B	2.81	13.3	48.1	21.2	6.41	3.52	2.51E	2.17B	1.57B	18
19	1.74B	1.07B	1.13B	3.83	14.7	49.3	18.7	5.87	3.11	2.48E	2.00B	1.52B	19
20	1.72B	1.06B	1.14B	7.00	16.2	51.2	18.2	5.70	3.15	2.60E	1.89B	1.49B	20
21	1.71B	1.04B	1.14B	7.08	18.1	53.5	19.3	5.59	3.16	2.49E	1.90B	1.48B	21
22	1.70B	1.04B	1.15B	6.47	17.3	66.1	20.0	8.33	3.07	2.35E	1.92B	1.48B	22
23	1.69B	1.05B	1.15B	6.75	18.9	83.6	20.2	7.25	3.01	3.41E	1.93B	1.49B	23
24	1.68B	1.07B	1.14B	7.21	21.4	60.0	21.3	5.89	2.99	4.95E	1.87B	1.51B	24
25	1.67B	1.09B	1.13B	6.69	31.2	50.6	20.8	5.05	2.88	7.15E	1.84B	1.54B	25
26	1.66B	1.13B	1.12B	5.86	37.5	47.8	21.8	4.65	2.71	4.40E	1.85B	1.53B	26
27	1.65B	1.14B	1.12B	4.97	41.7	42.9	19.1	4.48	2.65	5.35E	1.89B	1.52B	27
28	1.64B	1.13B	1.11B	4.49	44.7	42.2	16.5	4.26	2.61	4.75E	1.94B	1.49B	28
29	1.61B		1.11B	4.20	51.9	42.7	16.1	4.22	2.52	3.85E	1.97B	1.47B	29
30	1.58B		1.11B	4.16	58.2	43.5	16.4	8.05	2.44	3.21E	1.95B	1.46B	30
31	1.54B		1.11B		77.3		16.7	9.19		2.59E		1.46B	31
TOTAL	57.52	35.33	34.58	94.55	637.23	1 451.3	911.2	260.63	112.85	103.70	64.54	51.08	TOTAL
MEAN	1.86	1.26	1.12	3.15	20.6	48.4	29.4	8.41	3.76	3.35	2.15	1.65	MEAN
MAX	2.20	1.50	1.15	7.21	77.3	83.6	50.7	15.2	6.73	7.15	3.09	1.88	MAX
MIN	1.54	1.04	1.09	1.09	4.74	32.7	16.1	4.22	2.44	2.35	1.84	1.46	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 83.6 ON JUN 23
MINIMUM DAILY, 1.04B ON FEB 21
MAXIMUM INSTANTANEOUS,
96.1 AT 02:51 PST ON JUN 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 26 41 N
LONG 120 13 10 W
DRAINAGE AREA, 252 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 970	JUL	78 700
FEB	3 050	AUG	22 500
MAR	2 990	SEP	9 750
APR	8 170	OCT	8 960
MAY	55 100	NOV	5 580
JUN	125 000	DEC	4 410

TOTAL DISCHARGE, 329 000 dam³

MCKINLEY CREEK BELOW OUTLET OF MCKINLEY LAKE - STATION NO. 08KH020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.93	2.02E	1.75	3.11	20.9	21.1	11.2	1.00	0.332	1.04	1.77E	4.80E	1
2	2.92	2.00E	1.76	3.39	19.4	21.0	10.6	0.875	0.342	0.893	1.71E	4.72E	2
3	3.08	2.10E	1.71	3.93	18.4	20.6	10.6	0.698	0.343	0.850	1.69E	4.65E	3
4	3.04	2.20E	1.63	4.31	17.7	20.5	10.5	0.756	0.353	0.994	1.68E	4.93E	4
5	2.99	2.33E	1.66	4.78	17.5	20.3	9.90	0.838	0.651	1.11	3.00E	4.78E	5
6	2.89	2.45E	1.65	5.30	18.5	19.3	9.64	0.825	0.906	1.13	2.90E	4.51E	6
7	2.79	2.37E	1.68	5.89	19.9	18.5	10.1	0.503	0.890	1.13	2.80E	4.28E	7
8	2.68	2.25E	1.76	6.46	20.2	18.2	9.93	0.272	0.885	1.20	2.72E	4.34E	8
9	2.74	2.22E	1.78	6.95	19.6	17.4	9.44	0.277	0.861	1.31	2.68E	4.19E	9
10	2.65	2.24E	1.83	7.11	18.7	17.1	8.81	0.268	0.862	1.31	2.65E	4.00E	10
11	2.48	2.27E	1.79	7.27	17.8	19.9	8.09	0.287	0.870	1.40	2.70E	3.84E	11
12	2.54	2.30E	1.71	8.52	17.2	28.5	7.52	0.273	0.869	1.55	3.00E	3.69E	12
13	2.60	2.31E	1.75	9.78	16.3	37.2	6.74	0.270	0.869	1.70	4.40E	3.58E	13
14	2.67	2.20E	1.70	10.5	15.4	40.5	6.18	0.281	0.851	1.62	4.80E	3.50E	14
15	2.62	2.08E	1.68	11.4	14.6	39.5	5.68	0.284	0.847	1.56	4.35E	3.28E	15
16	2.62	1.95E	1.69	12.6	14.0	36.4	5.24	0.273	0.862	1.48	3.90E	3.23E	16
17	2.58	1.89E	1.74	13.9	13.5	32.9	4.86	0.269	0.808	1.53	3.65E	3.16E	17
18	2.35	1.86E	1.82	15.7	13.5	29.4	4.56	0.268	0.811	1.42	3.50E	3.14E	18
19	2.24	1.94E	1.90	17.8	13.6	26.5	4.23	0.270	0.786	1.36	3.40E	2.85E	19
20	2.35	2.00E	2.20	19.7	13.6	24.1	3.90	0.279	0.836	1.37	3.33E	2.80E	20
21	2.51	2.07E	2.51	22.1	13.7	22.1	3.61	0.273	0.962	1.32	3.25E	2.72E	21
22	2.68	2.10E	2.62	23.9	13.7	20.3	3.38	0.279	0.989	1.33	3.22E	2.62E	22
23	2.76	2.10E	2.61	25.0	13.8	19.0	3.21	0.283	0.961	1.48	3.19E	2.45E	23
24	2.77	2.00E	2.67	27.1	14.0	18.1	3.10	0.281	0.920	1.46	3.17E	2.45E	24
25	2.74	1.93E	2.71	28.8	14.6	16.9	3.03	0.285	0.913	1.45	3.15E	2.38E	25
26	2.58	1.94E	2.70	29.1	15.6	15.6	2.87	0.283	1.09	1.60 E	6.38E	2.30E	26
27	2.55	1.92A	2.74	28.4	16.4	14.5	2.41	0.303	1.29	2.00 E	5.78E	2.25B	27
28	2.56	1.80	2.73	27.0	16.6	13.5	2.07	0.323	1.42	2.30 E	5.41E	2.20B	28
29	2.50		2.73	24.8	17.6	12.6	2.08	0.338	1.34	2.10 E	5.18E	2.16B	29
30	2.35		2.79	22.8	19.9	11.8	1.37	0.343	1.18	1.92 E	4.97E	2.13B	30
31	2.32A		2.86		21.1		0.937	0.336		1.83 E		2.10B	31
TOTAL	82.08	58.84	64.86	437.20	517.3	673.3	185.787	12.393	25.899	44.747	104.33	104.05	TOTAL
MEAN	2.65	2.10	2.09	14.6	16.7	22.4	5.99	0.400	0.863	1.44	3.48	3.36	MEAN
MAX	3.08	2.45	2.86	29.1	21.1	40.5	11.2	1.00	1.42	2.30	6.38	4.93	MAX
MIN	2.24	1.80	1.63	3.11	13.5	11.8	0.937	0.268	0.332	0.850	1.68	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.33
MAXIMUM DAILY, 40.5 ON JUN 14
MINIMUM DAILY, 0.268 ON AUG 10
MAXIMUM INSTANTANEOUS,
40.7 AT 18:29 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 50 N
LONG 121 00 00 W
DRAINAGE AREA, 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 090	JUL	16 100
FEB	5 080	AUG	1 070
MAR	5 600	SEP	2 240
APR	37 800	OCT	3 870
MAY	44 700	NOV	9 010
JUN	58 200	DEC	8 990

TOTAL DISCHARGE, 200 000 dam³

MCQUEEN LAKE AT THE OUTLET - STATION NO. 08LB082

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.432E	0.442E	0.545	0.519E	0.559	0.639	0.655E	---	0.595E	0.536	0.535	0.585E	1
2	0.430E	0.450E	0.546	0.529	0.559	0.637E	0.660E	---	0.592E	0.534	0.533	---	2
3	0.429E	0.465E	0.546E	0.530	0.558	0.642E	0.664	---	0.590E	0.535	0.537E	0.589	3
4	0.428E	0.475E	0.545E	0.531	0.559E	0.657	0.664	---	0.587	0.536	0.540E	0.588	4
5	0.436	0.485E	0.545	0.531	0.559E	0.657	0.662	---	0.585	0.536	0.543	0.589	5
6	0.437	0.490E	0.546	0.532	0.559E	0.657	0.665	---	0.581	0.536E	0.542	0.589	6
7	0.438	0.495E	0.546	0.533E	0.558	0.657	0.670E	---	0.579	0.535E	0.544	0.589	7
8	0.440	0.500E	0.548	0.534E	0.557	0.657	0.675E	---	0.579E	0.534E	0.545	0.593E	8
9	0.441	0.505E	0.550	0.535	0.555	0.652E	0.680	---	0.578E	0.532	0.546	0.596E	9
10	0.443	0.510E	0.550	0.537	0.553	0.660E	---	---	0.575	0.531	0.551E	0.599	10
11	0.442	0.520E	0.549	0.538	0.551	0.679	---	---	0.574	0.530	0.556E	0.599	11
12	0.443	0.527	0.550	0.540	0.557E	0.700	---	---	0.572	0.529	0.559	0.599	12
13	0.443E	0.525	0.552	0.540E	0.562E	0.697	0.678	---	0.568	0.530E	0.561	0.599	13
14	0.433E	0.527	0.553	0.541E	0.567	---	---	---	0.565	0.531E	0.560	0.599	14
15	0.432E	0.531	0.550E	0.542E	0.568	---	---	---	0.563E	0.530	0.558	0.603E	15
16	0.443	0.535	0.545E	0.542E	0.566	---	0.653	---	0.561E	0.529	0.557	0.606E	16
17	0.443	0.538E	0.542E	0.543	0.567	---	0.651	---	0.560	0.531	0.560E	0.609	17
18	0.440	0.537E	0.540E	0.545	0.568	---	0.649	---	0.559	0.532	0.562E	0.608	18
19	0.439	0.537	0.535E	0.547	0.572E	---	0.646	---	0.557	0.533	0.563	0.609	19
20	0.440E	0.538	0.530E	0.548	0.575E	---	---	---	0.556	0.535E	0.568	0.608	20
21	0.445E	0.538	0.525E	0.547E	0.578E	---	---	0.574	0.557	0.537E	0.565	0.609	21
22	0.445E	0.539	0.520E	0.546E	0.579	---	---	0.575	0.558E	0.537	0.565	---	22
23	0.447E	0.538	0.515E	0.545	0.588	---	---	0.589	0.558E	0.536	0.565	---	23
24	0.450E	0.540E	0.510E	0.548	0.601	---	---	0.591	0.557	0.537	0.569E	---	24
25	0.450E	0.541E	0.507E	0.549	0.606	0.660	---	0.591E	0.556	0.538	0.572E	---	25
26	0.453E	0.542E	0.505E	0.559	0.612E	0.658	---	0.591E	0.554	0.537	0.575	---	26
27	0.454E	0.543	0.505E	0.550E	0.616E	0.656	---	0.589	0.551	0.538E	0.578	---	27
28	0.447E	0.545	0.506E	0.551E	0.619	0.653	---	0.588	0.549	0.537E	0.579	---	28
29	0.440E		0.506E	0.551E	0.631	0.650	---	0.587	---	0.536	0.581	---	29
30	0.440E		0.507E	0.560	0.637	---	---	0.593	---	0.535	0.583	---	30
31	0.439E		0.510E		0.636		---	0.597		0.534		---	31
MEAN	0.441	0.516	0.533	0.541	0.578	---	---	---	---	0.534	0.558	---	MEAN
MAX	0.454	0.545	0.553	0.560	0.637	---	---	---	---	0.538	0.583	---	MAX
MIN	0.428	0.442	0.505	0.519	0.551	---	---	---	---	0.529	0.533	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 49 49 N
LONG 120 26 15 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1983

MINIMUM DAILY, 0.428E ON JAN 04

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MELDRUM CREEK BELOW MCTAGGART LAKE - STATION NO. 08MC043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.039	0.011	0.008	0.003	0.001	0A	---	---	1
2	---	---	---	---	0.037	0.008	0.009	0.002	0.001	---	---	---	2
3	---	---	---	---	0.030	0.006	0.024	0.002	0.001	---	---	---	3
4	---	---	---	---	0.027	0.006	0.023	0.002	0.001	---	---	---	4
5	---	---	---	0.060A	0.023	0.008	0.024	0.002	0.001	---	---	---	5
6	---	---	---	0.062	0.013	0.007	0.040	0.002	0.001	---	---	---	6
7	---	---	---	0.059	0.010	0.007	0.050	0.002	0	---	---	---	7
8	---	---	---	0.053	0.011	0.006	0.037	0.001	0	---	---	---	8
9	---	---	---	0.024	0.011	0.005	0.029	0.001	0	---	---	---	9
10	---	---	---	0.008	0.012	0.009	0.022	0.001	0	---	---	---	10
11	---	---	---	0.004	0.013	0.030	0.015	0.001	0	---	---	---	11
12	---	---	---	0.003	0.016	0.060	0.012	0.001	0	---	---	---	12
13	---	---	---	0.003	0.021	0.059	0.008	0.001	0	---	---	---	13
14	---	---	---	0.003	0.024	0.045	0.006	0.001	0	---	---	---	14
15	---	---	---	0.004	0.027	0.038	0.004	0.001	0	---	---	---	15
16	---	---	---	0.004	0.033	0.032	0.004	0.001	0.001	---	---	---	16
17	---	---	---	0.008	0.037	0.027	0.004	0.001	0.001	---	---	---	17
18	---	---	---	0.015	0.041	0.024	0.003	0.001	0.001	---	---	---	18
19	---	---	---	0.030	0.041	0.027	0.003	0.001	0.001	---	---	---	19
20	---	---	---	0.054	0.036	0.033	0.004	0.001	0.001	---	---	---	20
21	---	---	---	0.055	0.031	0.020	0.003	0.001	0.001	---	---	---	21
22	---	---	---	0.054	0.025	0.013	0.003	0.001	0.001	---	---	---	22
23	---	---	---	0.055	0.029	0.011	0.003	0.001	0.001	---	---	---	23
24	---	---	---	0.053	0.032	0.009	0.003	0.001	0	---	---	---	24
25	---	---	---	0.064	0.035	0.007	0.004	0.001	0	---	---	---	25
26	---	---	---	0.087	0.026	0.009	0.004	0.001	0	---	---	---	26
27	---	---	---	0.088	0.016	0.016	0.004	0.001	0	---	---	---	27
28	---	---	---	0.069	0.012	0.018	0.003	0.001	0	---	---	---	28
29	---	---	---	0.056	0.010	0.012	0.003	0.001	0	---	---	---	29
30	---		---	0.046	0.012	0.009	0.004	0.001	0	---	---	---	30
31	---		---		0.012		0.003	0.001		---		---	31
TOTAL	---	---	---	---	0.744	0.572	0.366	0.039	0.014	---	---	---	TOTAL
MEAN	---	---	---	---	0.024	0.019	0.012	0.001	0.001	---	---	---	MEAN
MAX	---	---	---	---	0.043	0.060	0.050	0.003	0.001	---	---	---	MAX
MIN	---	---	---	---	0.010	0.005	0.003	0.001	0	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.088 ON APR 27
MINIMUM DAILY, 0 ON SEP 07
MAXIMUM INSTANTANEOUS,
0.099 AT 21:35 PST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 09 10 N
LONG 122 33 23 W
DRAINAGE AREA, 82.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31.6
FEB	---	AUG	3.37
MAR	---	SEP	1.21
APR	---	OCT	---
MAY	64.3	NOV	---
JUN	49.4	DEC	---

MESILINKA RIVER ABOVE GOPHERHOLE CREEK - STATION NO. 07EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5 B	6.20B	7.28B	6.65B	17.1	485	185 E	47.3	34.3	16.2	13.4	9.78B	1
2	11.1 B	6.25B	7.25B	6.75B	18.6	551	217 E	45.1	35.8	16.5	12.7 B	9.75B	2
3	10.6 B	6.35B	7.20B	6.78B	21.7	475	197 E	42.3	34.1	16.3	12.0 B	9.78B	3
4	10.2 B	6.45B	7.25B	6.78B	25.5	387	182 E	39.7	31.7	16.0	11.0 B	9.90B	4
5	9.90B	6.40B	7.32B	6.78B	32.0	356	170 E	37.6	30.2	15.3	9.65B	10.3 B	5
6	9.78B	6.32B	7.45B	6.78B	42.5	342	159 E	36.5	28.5	15.0	10.2 B	10.5 B	6
7	9.65B	6.20B	7.60B	6.75B	47.1	331	147 E	37.9	26.9	15.1	11.8 B	10.6 B	7
8	9.45B	6.55B	7.78B	6.72B	48.7	326	140 E	38.5	25.5	15.0	12.1 B	10.5 B	8
9	9.15B	6.50B	8.00B	6.75B	48.5	304	135 E	35.9	24.8	15.0	12.2 B	10.3 B	9
10	8.80B	6.62B	8.05B	6.79B	50.4	290	132 E	34.7	24.8	14.9	12.1 B	10.2 B	10
11	8.65B	6.60B	8.10B	7.05B	54.1	275	123 E	33.5	24.0	15.1	11.8 B	9.90B	11
12	8.50B	6.50B	8.02B	7.40B	54.5	261E	114 E	33.4	23.5	15.0	11.6 B	9.50B	12
13	8.35B	6.40B	7.92B	7.65B	54.4	258E	105 E	34.3	22.5	15.0	11.3 B	9.30B	13
14	8.15B	6.25B	7.85B	8.05B	55.1	253E	97.0E	35.6	21.8	14.4	11.2 B	9.20B	14
15	8.00B	6.10B	7.78B	8.50B	56.8	269E	89.0E	44.3	21.6	13.9	11.1 B	9.05B	15
16	7.90B	5.98B	7.55B	9.10B	61.3	268E	87.0E	46.7	21.4	13.9	11.2 B	8.90B	16
17	7.75B	5.95B	7.30B	9.95B	66.5	243E	92.0E	43.7	20.4	13.7	11.2 B	8.65B	17
18	7.65B	5.95B	7.07B	11.2 B	75.2	218E	85.0E	42.0	20.6	13.3	11.7 B	8.50B	18
19	7.62B	5.98B	6.90B	12.6 B	83.3	195E	80.5E	39.0	19.9	13.0	12.0 B	8.42B	19
20	7.62B	6.00B	6.60B	13.3 B	90.0	175E	76.0E	35.9	19.2	13.4	12.2 B	8.38B	20
21	7.50B	6.10B	6.38B	14.6 B	97.3	170E	71.5E	34.9	18.6	13.5	12.1 B	8.39B	21
22	7.25B	6.25B	6.22B	15.2 B	107	187E	67.0E	34.3	18.3	13.4	11.9 B	8.45B	22
23	7.15B	6.55B	6.18B	15.5 B	118	231E	63.5E	35.3	17.7	13.7	11.8 B	8.58B	23
24	7.15B	7.00B	6.15B	15.2 A	126	193E	61.0E	33.9	17.6	14.1	11.9 B	8.60B	24
25	7.18B	7.25B	6.16B	15.1	126	162E	60.2E	31.1	18.3	14.1	11.9 B	8.60B	25
26	7.20B	7.35B	6.19B	15.1	141	135E	59.5E	28.7	18.2	13.8	11.8 B	8.30B	26
27	7.10B	7.30B	6.21B	15.3	161	138E	57.7E	27.6	18.5	13.7	11.5 B	8.10B	27
28	6.90B	7.22B	6.30B	15.0	180	152E	55.5E	26.6	17.5	14.3	10.7 B	7.90B	28
29	6.55B		6.42B	14.6	205	149E	52.6E	26.0	16.8	14.5	10.3 B	7.78B	29
30	6.35B		6.50B	15.2	252	156E	50.0E	25.6	16.4	14.0	10.0 B	7.70B	30
31	6.25B		6.55B		374		48.5A	29.3		14.0		7.65B	31
TOTAL	256.90	180.27	219.53	313.13	2 953.7	7 932	3 259.5	1 116.9	689.1	449.0	346.25	281.46	TOTAL
MEAN	8.29	6.44	7.08	10.4	95.3	264	105	36.0	23.0	14.5	11.5	9.08	MEAN
MAX	11.5	7.35	8.10	15.5	374	551	217	47.3	35.8	16.3	13.4	10.6	MAX
MIN	6.25	5.95	6.15	6.65	17.1	135	48.5	25.6	16.4	13.0	9.65	7.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.3
MAXIMUM DAILY, 551 ON JUN 02
MINIMUM DAILY, 5.95B ON FEB 17
MAXIMUM INSTANTANEOUS,
568 AT 09:00 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 38 N
LONG 124 38 36 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 200	JUL	282 000
FEB	15 600	AUG	96 500
MAR	19 000	SEP	59 500
APR	27 100	OCT	38 800
MAY	255 000	NOV	29 900
JUN	685 000	DEC	24 300

TOTAL DISCHARGE, 1 550 000 dam³

MICHEL CREEK ABOVE CORBIN CREEK - STATION NO. 08NK028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.359E	1.14	5.47	3.50	0.694	0.232	---	---	---	1
2	---	---	---	0.447A	1.16	4.29	3.26	0.675	0.209	---	---	---	2
3	---	---	---	0.721E	1.30	3.91	3.03	0.641	0.203	---	---	---	3
4	---	---	---	0.798E	1.77	5.04	2.55	0.584	0.197	---	---	---	4
5	---	---	---	0.660E	2.75	4.30	2.27	0.527	0.190	---	---	---	5
6	---	---	---	0.589E	4.15	3.85	2.14	0.475	0.185	---	---	---	6
7	---	---	---	0.572E	3.56	4.95	2.29	0.441	0.181	---	---	---	7
8	---	---	---	0.583E	2.77	4.78	2.04	0.451	0.175	---	---	---	8
9	---	---	---	0.540E	2.30	4.69	1.93	0.425	0.172	---	---	---	9
10	---	---	---	0.497E	2.06	5.54	1.87	0.414	0.169	---	---	---	10
11	---	---	---	0.497A	1.95	5.47	1.77	0.397	0.168	---	---	---	11
12	---	---	---	0.444	1.96	4.57	1.70	0.381	0.172	---	---	---	12
13	---	---	---	0.440	1.87	3.94	1.62	0.364	0.173	---	---	---	13
14	---	---	---	0.472	1.84	3.65	1.52	0.342	0.171	---	---	---	14
15	---	---	---	0.611	1.77	3.55	1.35	0.332	0.161	---	---	---	15
16	---	---	---	0.786	1.77	3.83	1.20	0.309	0.159	---	---	---	16
17	---	---	---	0.930	1.96	4.51	1.12	0.297	0.162	---	---	---	17
18	---	---	---	1.14	2.17	5.09	1.04	0.300	0.161	---	---	---	18
19	---	---	---	1.59	2.32	5.49	0.937	0.299	0.157	---	---	---	19
20	---	---	---	2.17	2.44	6.01	0.824	0.387	0.158	---	---	---	20
21	---	---	---	2.58	2.41	5.52	0.741	0.306	0.154	---	---	---	21
22	---	---	---	2.88	2.30	5.25	0.745	0.305	0.155	---	---	---	22
23	---	---	---	2.95	2.94	5.68	0.771	0.285	0.155	---	---	---	23
24	---	---	---	2.70	4.16	5.61	0.765	0.268	0.147	---	---	---	24
25	---	---	---	2.34	5.14	5.37	1.60	0.272	0.147	---	---	---	25
26	---	---	---	1.94	4.11	4.98	1.42	0.262	0.149	---	---	---	26
27	---	---	---	1.67	3.75	4.47	1.15	0.254	0.147	---	---	---	27
28	---	---	---	1.50	4.16	3.91	0.966	0.231	0.148	---	---	---	28
29	---	---	---	1.29	5.78	3.53	0.861	0.220	0.149	---	---	---	29
30	---		---	1.18	7.22	3.51	0.777	0.243	0.149	---	---	---	30
31	---		---		5.98		0.736	0.252		---	---	---	31
TOTAL	---	---	---	35.876	90.97	140.76	48.493	11.603	5.052	---	---	---	TOTAL
MEAN	---	---	---	1.20	2.93	4.69	1.56	0.374	0.168	---	---	---	MEAN
MAX	---	---	---	2.95	7.22	6.01	3.50	0.694	0.232	---	---	---	MAX
MIN	---	---	---	0.359	1.14	3.51	0.736	0.220	0.147	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.22 ON MAY 30

MAXIMUM INSTANTANEOUS,
7.70 AT 12:17 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 44 N
LONG 114 41 33 W
DRAINAGE AREA, 35.9 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 190
FEB	---	AUG	1 000
MAR	---	SEP	436
APR	3 100	OCT	---
MAY	7 860	NOV	---
JUN	12 200	DEC	---

MICHEL CREEK BELOW NATAL - STATION NO. 08NK020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.91	1.95B	2.09B	6.53	16.7	86.4	35.8	9.84A	4.33	2.60	7.20	7.82	1
2	3.88	1.67B	2.10B	8.93	16.7	71.6	32.4	9.50E	4.14	2.78	6.10	8.00	2
3	3.76B	1.60B	2.17B	13.1	17.1	61.1	31.0	9.20E	4.05	2.77	5.27	9.52	3
4	3.60B	1.80B	2.30B	14.5	21.8	65.5	25.8	8.83E	3.86	4.96	5.03	7.43	4
5	3.00B	2.18B	2.45B	12.0	34.0	59.5	23.2	8.70E	3.62	17.4	4.90	6.78	5
6	3.72B	2.60B	2.58B	10.7	56.1	53.4	21.8	8.50E	3.59	9.52	3.98	6.51	6
7	3.80B	2.70B	2.65B	10.4	51.3	59.9	22.0	8.19E	3.47	6.93	4.61	6.20	7
8	3.44	2.58B	2.64B	10.6	39.4	60.4	20.1	7.90E	3.42	5.91	4.46	6.05	8
9	3.39	2.57B	2.55B	9.81	31.5	55.9	18.2	7.68E	3.36	5.34	5.36	6.20	9
10	3.30B	2.59B	2.49B	9.03	27.4	68.3	17.1	7.42E	3.25	5.45	23.9	6.32	10
11	2.85	2.63B	2.47B	8.69	25.3	69.6	16.3	7.36E	3.12	5.04	31.6	6.22	11
12	3.00B	2.65B	2.42B	8.65	24.5	56.8	15.5	7.18E	3.17	4.81	23.6	5.00	12
13	3.30B	2.60B	2.46B	8.62	23.7	46.9	14.5	6.90E	3.28	4.58	19.0	4.90	13
14	3.46B	2.40B	2.52	8.63	23.5	42.1	13.7	6.60E	3.07	4.38	17.6	4.84B	14
15	3.42B	2.06B	2.40	9.87	23.0	40.8	12.6	6.26E	3.11	4.15	14.5	4.62B	15
16	3.30B	1.80B	2.52	11.8	22.6	45.7	11.8	5.90E	3.08	4.05	12.5	4.40B	16
17	3.28B	1.60B	2.54	13.4	24.1	52.5	10.8	5.67E	3.12	3.86	11.2	4.08B	17
18	3.28B	1.48B	2.52	15.9	26.8	58.5	9.96	5.64E	2.94	3.97	10.4	3.69B	18
19	3.10B	1.51B	2.64	21.7	27.8	61.4	9.57	6.20E	2.95	3.85	9.55	3.40B	19
20	2.59B	1.58B	2.88	30.0	29.3	65.7	9.00	6.47A	2.86	3.60	9.06	3.21B	20
21	2.40B	1.70B	2.91	36.5	29.5	63.0	8.43	5.51A	2.75	3.69	8.39	3.22B	21
22	2.40B	1.80B	2.69	40.1	28.9	59.5	8.18	5.23	2.81	3.52	8.25	3.30B	22
23	2.60B	1.91B	2.70	40.0	35.5	62.9	8.10	5.24	2.79	3.33	9.19	3.47B	23
24	2.68B	2.00B	2.70B	38.1	51.7	63.3	7.87	4.90	2.73	3.43	12.4	3.65B	24
25	2.48B	2.07B	2.70B	33.8	71.6	60.3	15.8	5.02	2.69	3.48	10.4	3.76B	25
26	2.43B	2.12B	2.80B	28.7	60.3	56.1	18.7	5.07	2.72	5.23	9.66	3.80B	26
27	2.44B	2.13B	3.10	25.1	51.4	49.6	15.5	4.74	2.78	5.02	9.79	3.65B	27
28	2.37B	2.12B	3.22	22.6	55.9	42.8	13.3	4.62	2.70	5.09	10.0	3.43B	28
29	2.20B		3.47	19.3	81.1	37.3	11.8	4.43	2.62	5.29	9.17	3.40B	29
30	2.19B		4.05	17.3	109	36.2	10.8	4.44	2.53	5.24	8.24	3.65B	30
31	2.18B		5.09		94.8		10.1	4.48		7.15		4.00B	31
TOTAL	93.75	58.40	84.82	544.36	1 232.3	1 713.0	499.70	203.62	94.91	156.42	325.21	153.02	TOTAL
MEAN	3.02	2.09	2.74	18.1	39.8	57.1	16.1	6.57	3.16	5.05	10.8	4.94	MEAN
MAX	3.91	2.70	5.09	40.1	109	86.4	35.8	9.84	4.33	17.4	31.6	8.22	MAX
MIN	2.18	1.48	2.09	6.53	16.7	36.2	7.87	4.43	2.53	2.60	3.98	3.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 109 ON MAY 30
MINIMUM DAILY, 1.48B ON FEB 18
MAXIMUM INSTANTANEOUS,
114 AT 14:29 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 49 N
LONG 114 51 24 W
DRAINAGE AREA, 637 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 100	JUL	43 200
FEB	5 050	AUG	17 600
MAR	7 330	SEP	8 200
APR	47 000	OCT	13 500
MAY	106 000	NOV	28 100
JUN	148 000	DEC	13 200

TOTAL DISCHARGE, 445 000 dam³

MILLSTONE RIVER AT NANAIMO - STATION NO. 08HB032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22	4.36	2.55	1.91	1.32	0.624	0.315	0.006	0.004	0.003	1.33	10.4	1
2	1.29	4.66	2.84	1.91	1.17	0.627	0.298	0.004	0.003	0.005	1.21	7.84	2
3	1.55	14.9	2.61	1.87	1.05	0.990	0.274	0.003	0.003	0.005	1.20	19.5	3
4	1.71	13.0	2.54	1.80	0.965	1.09	0.252	0.003	0.003	0.008	1.18	40.8	4
5	3.04	14.4	2.57	1.68	0.881	1.13	0.232	0.003	0.003	0.007	1.09	30.9	5
6	5.45	10.7	2.56	1.59	0.775	1.06	0.265	0.003	0.003	0.006	1.02	17.4	6
7	13.7	7.49	3.61	1.51	0.746	1.05	0.281	0.002	0.003	0.005	1.13	9.31	7
8	14.5	5.79	3.58	1.45	0.676	1.19	0.268	0.002	0.003	0.004	1.26	7.13	8
9	10.8	4.93	4.91	1.39	0.626	1.30	0.243	0.002	0.003	0.004	3.41	8.44	9
10	7.75	4.53	7.00	1.32	0.561	1.50	0.202	0.002	0.003	0.004	10.9	8.00	10
11	5.89	5.25	5.46	1.27	0.529	1.43	0.169	0.002	0.003	0.008	24.5	6.76	11
12	5.11	5.45	4.43	1.21	0.580	1.30	0.589	0.002	0.003	0.189	21.3	6.36	12
13	4.66	5.15	3.99	1.19	0.618	1.19	0.386	0.002	0.003	0.226	17.6	5.52	13
14	4.53	4.39	4.52	1.20	0.601	1.33	0.347	0.002	0.003	0.211	12.8	5.62	14
15	4.14	3.97	3.94	1.16	0.523	1.04	0.217	0.002	0.007	0.187	8.92	7.63	15
16	4.46	3.51	3.57	1.10	0.472	0.910	0.161	0.002	0.014	0.137	6.56	6.30	16
17	4.34	3.02	3.55	1.13	0.466	0.764	0.101	0.002	0.005	0.092	5.46	5.15	17
18	3.76	2.71	3.95	1.12	0.488	0.678	0.037	0.003	0.007	0.043	4.63	4.99	18
19	3.33	2.40	4.00	1.19	0.510	0.578	0.016	0.003	0.006	0.017	3.92	4.48	19
20	3.08	2.33	3.78	1.37	0.556	0.523	0.012	0.003	0.004	0.020	3.33	3.85B	20
21	2.96	2.33	3.53	1.43	0.601	0.456	0.008	0.002	0.004	0.062	3.02	3.24B	21
22	3.01	2.32	3.51	1.33	0.688	0.407	0.008	0.002	0.004	0.064	3.02	2.62B	22
23	2.93	2.26	3.28	1.75	0.714	0.385	0.007	0.002	0.004	0.067	15.3	2.08B	23
24	2.66	2.57	2.95	1.89	0.608	0.354	0.006	0.002	0.004	0.302	29.8	2.14B	24
25	4.03	2.67	2.67	2.19	0.581	0.334	0.005	0.002	0.004	0.533	20.4	2.05	25
26	3.71	2.66	2.31	2.06	0.598	0.313	0.004	0.002	0.004	0.589	11.0	1.87	26
27	3.53	2.57	1.98	1.89	0.555	0.290	0.004	0.002	0.004	0.643	6.69	1.90	27
28	4.25	2.48	1.87	1.85	0.523	0.315	0.003	0.002	0.004	0.708	5.70	1.76	28
29	4.79		1.76	1.63	0.487	0.316	0.003	0.003	0.004	1.08	17.6	1.71	29
30	5.38		1.81	1.46	0.448	0.340	0.003	0.004	0.003	1.59	15.5	1.72	30
31	4.75		1.89		0.503		0.003	0.004		1.46		1.51	31
TOTAL	146.31	142.80	103.52	45.85	20.419	23.814	4.719	0.080	0.125	8.279	260.78	238.98	TOTAL
MEAN	4.72	5.10	3.34	1.53	0.659	0.794	0.152	0.003	0.004	0.267	8.69	7.71	MEAN
MAX	14.5	14.9	7.00	2.19	1.32	1.50	0.589	0.006	0.014	1.59	29.8	40.8	MAX
MIN	1.22	2.26	1.76	1.10	0.448	0.290	0.003	0.002	0.003	0.003	1.02	1.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.73
MAXIMUM DAILY, 40.8 ON DEC 04
MINIMUM DAILY, 0.002 ON AUG 07
MAXIMUM INSTANTANEOUS,
44.2 AT 11:50 PST ON DEC 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 38 N
LONG 123 58 04 W
DRAINAGE AREA, 86.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 600	JUL	408
FEB	12 300	AUG	6.91
MAR	8 940	SEP	10.8
APR	3 960	OCT	715
MAY	1 760	NOV	22 500
JUN	2 060	DEC	20 600

TOTAL DISCHARGE, 85 900 dam³

MISSION CREEK NEAR EAST KELOWNA - STATION NO. 08NM116

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47	0.965B	1.21	4.90	10.9	52.9	25.3	2.90	3.68	1.36	1.58	1.90	1
2	1.35	1.17 B	1.20	7.55	10.9	66.6	25.7	5.91	3.05	1.43	1.44	1.93	2
3	1.37	1.31 B	1.22	9.05	11.4	59.1	28.9	5.67	2.51	1.60	1.42	2.11	3
4	1.41	1.25	0.950	8.48	13.4	69.9	19.3	5.44	2.05	1.88	1.55	2.24	4
5	1.53	1.19	1.08	8.63	17.4	53.7	17.1	2.41	1.81	3.12	1.56	2.02	5
6	1.47	1.13	0.949	9.32	23.0	43.1	46.3	2.18	1.68	2.35	1.19	1.99	6
7	1.47	1.09	1.13	10.2	18.1	50.4	34.3	1.81	1.56	2.00	1.36	1.69	7
8	1.44	1.11	1.35	10.9	14.7	43.7	23.8	1.89	1.53	1.88	1.55	1.92	8
9	1.42	1.08	1.12	9.82	12.5	37.9	18.6	1.98	1.43	1.91	1.44	2.00	9
10	1.27	1.11	1.15	8.25	12.1	52.2	14.7	1.89	1.45	2.14	2.42	1.94	10
11	0.895	1.14	1.02	7.82	15.6	57.9	12.4	2.20	1.29	1.99	7.27	1.94	11
12	0.560B	1.09	1.05	7.71	17.2	57.5	11.3	1.98	1.19	1.81	6.93	1.91	12
13	0.645B	1.03 B	0.917	7.87	16.3	62.6	11.1	1.62	1.42	1.60	5.89	1.91	13
14	0.900B	0.980B	1.18	8.12	15.5	60.4	8.73	1.23	1.44	1.56	5.03	1.99 B	14
15	1.38	1.04 B	1.01	9.27	14.5	56.2	7.35	1.28	1.47	1.44	4.15	1.19 B	15
16	1.31	0.960B	1.13	9.96	13.8	52.2	6.57	1.35	2.30	1.47	3.73	1.12 B	16
17	1.30 A	0.840B	1.21	11.6	13.6	45.7	5.93	1.53	2.80	1.49	3.40	1.10 B	17
18	1.16 E	0.900B	1.41	12.0	16.2	42.7	5.38	1.35	2.23	1.46	2.84	1.19 B	18
19	1.20 E	0.965B	1.70	12.9	18.3	43.6	4.99	1.62	1.96	1.49	2.73	1.08 B	19
20	1.15 E	1.02 B	1.86	13.4	17.6	47.0	4.61	2.33	1.83	1.50	2.63	0.980B	20
21	1.22 E	1.03 B	2.02	15.6	17.5	45.2	4.22	2.24	1.74	1.48	2.42	0.900B	21
22	1.26 E	1.01 B	1.91	17.5	20.2	46.5	3.97	3.01	1.55	1.45	2.45	1.03 B	22
23	1.30 E	1.00 B	1.73	19.3	15.6	48.4	3.90	2.31	1.50	1.56	2.46	1.11 B	23
24	1.29 E	1.09	1.36	20.8	40.2	59.1	6.99	2.04	1.49	1.54	2.81	1.19 B	24
25	1.47 A	1.10	1.50	17.8	45.4	46.6	7.55	3.24	1.29	1.50	2.71	1.20 B	25
26	1.18	1.05	1.80	15.5	45.8	33.2	6.78	3.36	1.28	1.83	1.63	1.17 B	26
27	1.15	1.23	1.74	13.4	38.7	32.8	5.78	2.68	1.12	1.98	1.72B	1.08 B	27
28	1.24	1.23	1.85	12.8	41.0	35.0	4.53	2.09	1.32	1.80	1.90B	0.990B	28
29	1.22		1.94	11.8	56.5	28.1	3.76	1.86	1.45	1.77	1.06B	0.945B	29
30	1.26		2.35	10.8	56.5	27.0	3.64	4.82	1.32	1.71	2.22	1.03 B	30
31	0.890B		3.29		51.7		3.37	4.40		1.72		1.13 B	31
TOTAL	37.840	30.110	45.336	343.05	752.1	1 459.2	386.82	73.92	52.74	53.82	82.49	43.965	TOTAL
MEAN	1.22	1.08	1.46	11.4	24.3	48.6	12.5	2.38	1.76	1.74	2.75	1.42	MEAN
MAX	1.53	1.31	1.29	20.8	56.5	69.9	46.3	4.82	1.68	2.35	7.27	2.24	MAX
MIN	0.560	0.840	0.917	4.90	10.9	27.0	3.37	1.23	1.12	1.36	1.19	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.21
MAXIMUM DAILY, 69.9 ON JUN 04
MINIMUM DAILY, 0.560B ON JAN 12
MAXIMUM INSTANTANEOUS,
75.5 AT 05:39 PST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 44 N
LONG 119 24 47 W
DRAINAGE AREA, 811 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 270	JUL	33 400
FEB	2 600	AUG	6 390
MAR	3 920	SEP	4 560
APR	29 600	OCT	4 650
MAY	65 000	NOV	7 130
JUN	126 000	DEC	3 800

TOTAL DISCHARGE, 290 000 dam³

MOBERLY RIVER NEAR FORT ST. JOHN - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.70B	2.06B	2.18B	3.47B	18.4	77.4	32.4	6.86	2.47	1.52	0.980B	1.25B	1
2	4.58B	2.00B	2.23B	3.53B	19.2	83.0	30.4	6.71	2.42	1.43	1.00 B	1.30B	2
3	4.56B	1.97B	2.28B	3.57B	20.3	86.6	29.2	6.26	2.46	1.59	1.01 B	1.40B	3
4	4.60B	1.94B	2.27B	3.63B	21.1	85.8	28.2	6.15	2.39	1.59	1.02 B	1.50B	4
5	4.66B	1.93B	2.26B	3.67B	22.2	87.1	26.9	5.76	2.39	1.31	1.01 B	1.60B	5
6	4.70B	1.92B	2.24B	3.72B	23.7	92.6	25.7	5.22	2.26	1.27	1.00 B	1.63B	6
7	4.68B	1.92B	2.20B	3.80B	25.6	95.2	24.6	5.50	2.06	1.54	0.972B	1.66B	7
8	4.64B	1.91B	2.18B	3.90B	27.9	92.9	23.8	5.02	2.30	1.56	0.950B	1.70B	8
9	4.52B	1.91B	2.17B	3.98B	29.2	89.0	22.7	4.55	1.98	1.56	0.925B	1.75B	9
10	4.46B	1.90B	2.16B	4.10B	31.4	84.8	21.5	4.31	1.89	1.50	0.900B	1.80B	10
11	4.44B	1.89B	2.19B	4.28B	33.5	88.3	20.0	3.96	1.93	1.36	0.950B	1.73B	11
12	4.40B	1.88B	2.22B	4.50B	35.6	118	19.2	3.70	1.87	1.27	1.00 B	1.66B	12
13	4.36B	1.87B	2.30B	4.75B	35.9	146	18.1	3.53	1.74	1.20	1.02 B	1.61B	13
14	4.28B	1.84B	2.37B	5.04B	35.6	139	17.3	3.53	1.71	1.18 B	1.04 B	1.55B	14
15	4.18B	1.82B	2.43B	5.36B	35.1	128	16.0	3.68	1.74	1.14 B	1.06 B	1.50B	15
16	4.06B	1.81B	2.52B	5.90E	34.8	117	15.1	3.74	1.60	1.10 B	1.08 B	1.45B	16
17	4.04B	1.78B	2.56B	6.50E	34.6	109	14.6	3.74	1.60	1.07 B	1.10 B	1.40B	17
18	4.08B	1.76B	2.57B	7.34E	34.9	98.1	14.2	3.55	1.58	1.04 B	1.10 B	1.35B	18
19	4.12B	1.75B	2.72B	8.12E	35.3	88.7	13.5	3.63	1.60	1.01 B	1.09 B	1.30B	19
20	4.16B	1.73B	2.74B	9.40E	36.1	79.8	12.7	3.53	1.58	1.04 B	1.08 B	1.25B	20
21	4.06B	1.72B	2.72B	11.1 E	37.2	71.9	12.1	3.33	1.53	1.07 B	1.06 B	1.20B	21
22	3.90B	1.71B	2.68B	12.6 E	38.0	66.9	11.4	3.19	1.47	1.10 B	1.04 B	1.22B	22
23	3.70B	1.73B	2.66B	13.7 E	38.4	60.9	10.8	3.10	1.41	1.14 B	1.04 B	1.24B	23
24	3.38B	1.78B	2.68B	14.9 E	38.8	56.1	10.2	3.01	1.36	1.08 B	1.02 B	1.26B	24
25	3.14B	1.84B	2.73B	15.7 E	41.6	51.8	9.61	2.96	1.52	1.02 B	1.00 B	1.28B	25
26	2.92B	1.90B	2.82B	16.5 E	57.6	46.8	9.16	2.81	1.51	0.960B	1.02 B	1.29B	26
27	2.70B	1.99B	2.92B	17.2 A	65.3	43.7	8.81	2.71	1.42	0.940B	1.06 B	1.32B	27
28	2.50B	2.05B	3.03B	17.5	67.2	39.8	8.27	2.74	1.23	0.920B	1.10 B	1.32B	28
29	2.36B		3.17B	17.8	68.0	37.0	7.59	2.71	1.18	0.900B	1.15 B	1.34B	29
30	2.26B		3.30B	18.2	68.9	34.5	7.24	2.81	1.23	0.925B	1.20 B	1.36B	30
31	2.14B		3.38B		72.7		6.91	2.55		0.950B		1.38B	31
TOTAL	121.28	52.31	79.00	253.76	1 184.8	2 495.7	528.29	124.80	53.16	35.775	30.937	44.58	TOTAL
MEAN	3.91	1.87	2.55	8.46	38.2	83.2	17.0	4.03	1.77	1.15	1.03	1.44	MEAN
MAX	4.70	2.06	3.38	18.2	72.7	146	32.4	6.86	2.47	1.56	1.20	1.80	MAX
MIN	2.14	1.71	2.16	3.47	18.4	34.5	6.91	2.55	1.18	0.900	0.900	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 146 ON JUN 13
MINIMUM DAILY, 0.900B ON OCT 29
MAXIMUM INSTANTANEOUS,
150 AT 12:29 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 35 N
LONG 121 20 49 W
DRAINAGE AREA, 1 520 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 500	JUL	45 600
FEB	4 520	AUG	10 800
MAR	6 830	SEP	4 590
APR	21 900	OCT	3 090
MAY	102 000	NOV	2 670
JUN	216 000	DEC	3 850

TOTAL DISCHARGE, 432 000 dam³

MOFFAT CREEK NEAR HORSEFLY - STATION NO. 08KH019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.95B	1.06B	1.22B	3.60B	12.6	---	---	---	0.425	0.281	1.19	1.15 B	1
2	1.90B	1.10B	1.23B	3.90B	12.5	---	---	---	0.411	0.269	0.940	1.14 B	2
3	1.82B	1.15B	1.24B	4.40B	12.5	---	---	---	0.389	0.296	0.900B	1.15 B	3
4	1.80B	1.20B	1.22B	5.60B	12.9	---	---	---	0.371	0.640	0.880B	1.17 B	4
5	1.84B	1.25B	1.19B	7.00B	14.0	---	---	---	0.356	0.766	0.860B	1.17 B	5
6	1.80B	1.32B	1.20B	8.00B	15.9	---	---	---	0.340	1.03	0.850B	1.15 B	6
7	1.77B	1.31B	1.25B	9.00B	19.8	---	---	---	0.323	1.01	0.850B	1.13 B	7
8	1.72B	1.30B	1.30B	10.0 B	19.8A	---	---	---	0.306	1.04	0.870B	1.10 B	8
9	1.60B	1.30B	1.27B	9.60B	---	---	---	---	0.290	1.11	0.950B	1.09 B	9
10	1.40B	1.31B	1.25B	9.20B	---	---	---	0.450A	0.288	1.52	1.16	1.07 B	10
11	1.30B	1.32B	1.24B	8.94	---	---	---	0.408	0.271	1.79	1.40	1.06 B	11
12	1.31B	1.34B	1.23B	9.63	---	---	---	0.385	0.255	1.69	2.48	1.05 B	12
13	1.35B	1.30B	1.22B	11.9	---	---	---	0.372	0.254	1.52	5.81	1.04 B	13
14	1.41B	1.20B	1.26B	14.2	---	---	---	0.348	0.260	1.39	6.46	1.04 B	14
15	1.53B	1.05B	1.30B	16.8	---	---	---	0.342	0.247	1.28	5.04	1.05 B	15
16	1.52B	1.02B	1.35B	18.8	---	---	---	0.323	0.268	1.19	4.32	1.06 B	16
17	1.50B	1.00B	1.42B	19.2	---	---	---	0.313	0.315	1.09	3.55	1.06 B	17
18	1.40B	1.04B	1.50B	20.4	---	---	---	0.317	0.331	1.06	2.81	1.04 B	18
19	1.32B	1.10B	1.60B	22.0	---	---	---	0.284	0.314	1.07	2.00 B	1.02 B	19
20	1.30B	1.15B	1.70B	24.1	---	---	---	0.280	0.320	1.04	1.50 B	1.00 B	20
21	1.38B	1.25B	1.80B	24.8	---	---	---	0.275	0.344	1.01	1.42 B	0.990B	21
22	1.45B	1.38B	1.90B	24.6	---	---	---	0.278	0.333	0.996	1.37 B	0.980B	22
23	1.49B	1.37B	2.00B	23.9	---	---	---	0.351	0.320	0.946	1.33 B	0.990B	23
24	1.48B	1.30B	2.10B	24.1	---	---	---	0.420	0.315	0.898	1.29 B	1.00 B	24
25	1.46B	1.28B	2.20B	25.5	---	---	---	0.412	0.303	0.941	1.25 B	1.01 B	25
26	1.44B	1.27B	2.30B	24.1	---	---	---	0.499	0.293	0.972	1.21 B	1.01 B	26
27	1.39B	1.24B	2.45B	21.3	---	---	---	0.528	0.282	1.47	1.19 B	1.01 B	27
28	1.36B	1.23B	2.60B	19.4	---	---	---	0.492	0.275	1.63	1.17 B	1.00 B	28
29	1.32B		2.80B	16.7	12.0A	---	---	0.522	0.265	1.48	1.16 B	1.00 B	29
30	1.25B		3.10B	14.2	---	---	---	0.511	0.274	1.42	1.15 B	0.990B	30
31	1.10B		3.40B		15.7A		---	0.450		1.31		0.990B	31
TOTAL	46.68	34.14	52.84	454.67	---	---	---	---	9.335	34.215	57.360	32.710	TOTAL
MEAN	1.51	1.22	1.70	15.2	---	---	---	---	0.311	1.10	1.91	1.06	MEAN
MAX	1.95	1.38	3.40	25.5	---	---	---	---	0.425	1.79	6.46	1.17	MAX
MIN	1.10	1.00	1.19	3.60	---	---	---	---	0.247	0.269	0.850	0.980	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.247 ON SEP 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 50 N
LONG 121 24 20 W
DRAINAGE AREA, 539 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 030	JUL	---
FEB	2 950	AUG	---
MAR	4 570	SEP	807
APR	39 300	OCT	2 960
MAY	---	NOV	4 960
JUN	---	DEC	2 830

MONTE CREEK ABOVE MONTE LAKE DIVERSION - STATION NO. 08LE103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.493	0.754	2.47	0.505	0.121	0.065	---	---	---	1
2	---	---	---	0.719	0.806	1.84	0.593	0.110	0.058	---	---	---	2
3	---	---	---	0.712	0.890	1.62	0.523	0.108	0.055	---	---	---	3
4	---	---	---	0.628	0.941	1.70	0.449	0.105	0.050	---	---	---	4
5	---	---	---	0.616	0.957	2.10	0.425	0.086	0.056	---	---	---	5
6	---	---	---	0.642	0.940	1.74	0.522	0.066	0.056	---	---	---	6
7	---	---	---	0.692	0.932	1.52	0.568	0.055	0.045	---	---	---	7
8	---	---	---	0.718	0.872	1.25	0.508	0.052	0.040	---	---	---	8
9	---	---	---	0.647	0.805	1.20	0.435	0.074	0.037	---	---	---	9
10	---	---	---	0.597	0.773	2.11	0.401	0.069	0.041	0.047	---	---	10
11	---	---	---	0.553	0.688	2.29	0.349	0.067	0.038	---	---	---	11
12	---	---	---	0.628	0.625	4.65	0.329	0.067	0.036	---	---	---	12
13	---	---	---	0.647	0.618	5.39	0.293	0.063	0.036	---	---	---	13
14	---	---	---	0.691	0.550	6.06	0.260	0.057	0.037	---	---	---	14
15	---	---	---	0.795	0.509	5.39	0.244	0.049	0.035	---	---	---	15
16	---	---	---	0.909	0.488	5.52	0.222	0.049	0.039	---	---	---	16
17	---	---	---	1.25	0.458	5.23	0.222	0.052	0.039	---	---	---	17
18	---	---	---	1.50	0.592	5.70	0.198	0.051	0.037	---	---	---	18
19	---	---	---	1.58	0.529	5.31	0.175	0.049	0.034	---	---	---	19
20	---	---	---	1.80	0.508	2.34	0.169	0.046	0.034	---	---	---	20
21	---	---	---	1.58	0.478	2.03	0.146	0.059	0.034	---	---	---	21
22	---	---	---	1.37	0.804	1.43	0.134	0.056	0.032	---	---	---	22
23	---	---	---	1.39	0.797	1.36	0.129	0.051	0.032	---	---	---	23
24	---	---	---	1.25	1.41	1.21	0.168	0.059	0.032	---	---	---	24
25	---	---	---	1.12	2.13	1.02	0.190	0.096	0.030	---	---	---	25
26	---	---	---	1.13	1.60	0.918	0.162	0.104	0.028	---	---	---	26
27	---	---	---	1.13	1.31	0.789	0.139	0.069	0.028	---	---	---	27
28	---	---	---	0.865	1.67	0.716	0.128	0.058	0.030	---	---	---	28
29	---	---	0.145	0.780	2.83	0.685	0.113	0.058	0.030	---	---	---	29
30	---		0.342E	0.793	1.71	0.602	0.256	0.108	0.032	---	---	---	30
31	---		0.450E		1.68		0.150	0.072		---		---	31
TOTAL	---	---	---	28.226	30.644	70.190	9.105	2.186	1.176	---	---	---	TOTAL
MEAN	---	---	---	0.941	0.989	2.34	0.294	0.071	0.039	---	---	---	MEAN
MAX	---	---	---	1.80	2.83	6.06	0.593	0.121	0.065	---	---	---	MAX
MIN	---	---	---	0.493	0.458	0.602	0.113	0.046	0.028	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 6.06 ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 31 22 N
LONG 119 51 09 W
DRAINAGE AREA, 64.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	787
FEB	---	AUG	189
MAR	---	SEP	102
APR	2 440	OCT	---
MAY	2 650	NOV	---
JUN	6 060	DEC	---

MOOSE RIVER NEAR RED PASS - STATION NO. 08KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.83B	1.54B	1.30B	1.21B	5.35E	60.3	54.1	34.7	18.0	7.35	5.20B	2.66B	1
2	1.82B	1.51B	1.28B	1.22B	6.74E	49.8	52.4	31.2	17.0	9.83	4.49B	2.61B	2
3	1.81B	1.48B	1.27B	1.24B	8.22A	48.7	52.4	28.1	15.1	9.93	4.19B	2.54B	3
4	1.79B	1.47B	1.27B	1.27B	9.92	48.2A	47.7	29.8	14.3	9.09	3.86B	2.49B	4
5	1.78B	1.46B	1.27B	1.31B	14.2	42.9E	45.4	32.5	14.9	5.87	3.63B	2.47B	5
6	1.77B	1.46B	1.28B	1.34B	22.9	39.4E	59.2	36.8	16.0	5.24	3.51B	2.44B	6
7	1.75B	1.47B	1.29B	1.35B	20.0	36.7E	56.4	32.6	16.7	5.08	3.53B	2.42B	7
8	1.77B	1.48B	1.29B	1.36B	16.6	36.6A	54.4	28.4	16.6	5.12	3.57B	2.41B	8
9	1.78B	1.49B	1.29B	1.37B	15.1	38.1	59.2	29.3	16.0	5.51	3.65B	2.41B	9
10	1.77B	1.49B	1.29B	1.37B	14.4	41.8	63.2	30.7	17.0	5.71	3.76B	2.39B	10
11	1.75B	1.48B	1.28B	1.38B	14.4	65.6	65.9	31.5	16.9	5.06	3.94B	2.37B	11
12	1.72B	1.47B	1.27B	1.41B	14.9	52.3	84.6	33.8	15.0	5.03	4.21B	2.31B	12
13	1.71B	1.45B	1.26B	1.43B	14.0	42.3	71.6	34.1	12.1	4.93	5.55B	2.26B	13
14	1.70B	1.43B	1.24B	1.47B	13.4	39.3	52.7	36.7	14.1	4.77	5.32B	2.27B	14
15	1.70B	1.41B	1.23B	1.52B	14.1	43.6	41.9	33.8	16.0	4.35	4.75B	2.25B	15
16	1.70B	1.38B	1.24B	1.62E	16.0	55.5	38.9	30.4	22.3	4.13	4.19B	2.26B	16
17	1.69B	1.37B	1.27B	1.90E	18.6	63.0	33.9	27.2	24.4	4.24	3.93B	2.18B	17
18	1.67B	1.36B	1.28B	2.19E	19.8	55.7	30.1	24.0	16.1	4.19	3.59B	2.11B	18
19	1.64B	1.35B	1.29B	2.59E	22.4	60.4	29.2	24.6	14.7	4.05	3.36B	2.04B	19
20	1.61B	1.34B	1.29B	2.71E	24.2	56.8	27.2	25.7	12.1	3.93	3.21B	1.95B	20
21	1.60B	1.33B	1.29B	2.95E	25.2	61.2	30.0	26.6	12.4	3.99	3.06B	1.86B	21
22	1.59B	1.32B	1.28B	3.19E	23.4	76.2	31.9	28.4	13.7	3.98	2.97B	1.77B	22
23	1.59B	1.32B	1.27B	3.39E	23.4	100	33.4	24.0	16.2	3.78	2.89B	1.72B	23
24	1.59B	1.32B	1.27B	3.60E	22.7	87.9	35.2	19.9	16.6	3.84	2.83B	1.70B	24
25	1.59B	1.32B	1.26B	3.84E	26.6	68.5	38.7	15.4	15.6	8.80	2.80B	1.69B	25
26	1.59B	1.32B	1.24B	3.97E	38.5	63.9	41.1	14.4	12.2	13.7	2.76B	1.70B	26
27	1.59B	1.32B	1.22B	4.00E	44.9	56.9	41.4	14.1	9.96	8.67	2.74B	1.71B	27
28	1.58B	1.32B	1.21B	3.99E	50.8	51.0	35.3	13.5	9.09	8.71	2.71B	1.73B	28
29	1.58B		1.20B	3.98E	55.7	48.4	34.1	15.3	9.64	7.27	2.70B	1.72B	29
30	1.57B		1.20B	4.17E	73.4	49.1	35.9	23.2	7.52	6.60	2.68B	1.71B	30
31	1.56B		1.20B		71.9		37.1	23.4		5.68		1.70B	31
TOTAL	52.19	39.46	39.12	68.14	761.73	1 640.1	1 414.5	833.1	444.21	178.43	109.60	65.87	TOTAL
MEAN	1.68	1.41	1.26	2.27	24.6	54.7	45.6	26.9	14.8	5.76	3.65	2.12	MEAN
MAX	1.83	1.54	1.30	4.17	73.4	100	84.6	36.8	22.3	13.7	5.55	2.66	MAX
MIN	1.56	1.32	1.20	1.21	5.35	36.6	27.2	13.5	7.52	3.78	2.68	1.69	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.5
MAXIMUM DAILY, 100 ON JUN 23
MINIMUM DAILY, 1.20B ON MAR 29
MAXIMUM INSTANTANEOUS
112 AT 02:30 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 12 N
LONG 118 48 00 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 510	JUL	122 000
FEB	3 410	AUG	72 000
MAR	3 380	SEP	38 400
APR	5 890	OCT	15 400
MAY	65 800	NOV	9 470
JUN	142 000	DEC	5 690

TOTAL DISCHARGE, 488 000 dam³

MORE CREEK NEAR THE MOUTH - STATION NO. 08CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 B	5.30B	5.80B	6.70B	21.9	137	159	115	98.0E	56.0E	22.1	12.7 B	1
2	10.7 B	5.20B	5.75B	6.75B	24.4	123	157	93.6	90.0E	40.0E	21.8	12.6 B	2
3	10.1 B	5.10B	5.70B	6.80B	27.7	113	139	99.5	87.0E	32.0E	21.3	12.7 B	3
4	9.80B	5.05B	5.65B	6.85B	32.3	119	133	140	96.0E	25.0E	19.7	12.7 B	4
5	9.40B	5.05B	5.60B	6.90B	36.5	104	137	132	103 E	23.0E	18.3B	13.4 B	5
6	9.10B	5.05B	5.50B	6.95B	38.2	97.7	143	121	112 E	28.0A	17.8B	14.7 B	6
7	8.60B	5.05B	5.40B	7.00B	35.3	111	163	97.1	122 E	28.8	17.2B	14.8 B	7
8	8.30B	5.10B	5.30B	7.15B	38.4	122	155	114	100 E	56.1	16.7B	14.0 B	8
9	8.10B	5.15B	5.20B	7.30B	41.2	120	148	142	78.0E	41.6	16.6B	12.0 B	9
10	7.90B	5.15B	5.15B	7.90B	41.2	125	202	160	80.0E	32.7	16.5B	10.8 B	10
11	7.80B	5.20B	5.15B	8.80B	45.9	123	176	180	87.0E	30.8	16.4B	9.90B	11
12	7.70B	5.25B	5.15B	9.96	47.9	118	138	191	92.0E	30.6	16.5B	9.59B	12
13	7.60B	5.25B	5.20B	10.8	49.7	144	119	195	96.0E	28.8	16.6B	9.40B	13
14	7.50B	5.25B	5.30B	11.9	56.1	166	102	200 A	98.0E	27.0	16.7B	9.25B	14
15	7.40B	5.26B	5.45B	13.4	58.9	149	106	170 E	105 E	26.4	16.9B	9.15B	15
16	7.30B	5.27B	5.50B	14.5	60.3	130	97.4	152 E	90.0E	25.6	17.2B	9.00B	16
17	7.10B	5.27B	5.55B	15.5	65.0	116	89.2	154 E	67.0E	25.0	17.3B	8.70B	17
18	7.00B	5.27B	5.55B	18.9	67.0	112	102	148 E	68.0E	24.6	17.3B	8.45B	18
19	6.80B	5.26B	5.45B	20.9	58.8	109	125	160 E	64.5E	23.7	17.2B	8.35B	19
20	6.60B	5.25B	5.30B	22.9	60.6	98.9	127	172 E	59.0E	24.1	16.5B	8.40B	20
21	6.50B	5.20B	5.20B	22.5	66.3	139	140	176 E	64.0E	24.4	15.4B	8.45B	21
22	6.30B	5.25B	5.15B	22.3	77.1	226	150	150 E	87.0E	24.1	14.0B	8.60B	22
23	6.10B	5.30B	5.15B	21.6	79.4	183	142	133 E	125 E	28.6	13.4B	8.80B	23
24	5.90B	5.45B	5.25B	21.0	70.9	130	148	118 E	153 E	32.1	12.8B	9.00B	24
25	5.80B	5.50B	5.40B	21.0	61.9	109	149	100 E	180 E	27.9	12.8B	9.25B	25
26	5.70B	5.65B	5.55B	21.2	70.1	103	130	110 E	130 E	26.0	13.0B	9.50B	26
27	5.65B	5.70B	5.80B	21.5	78.2	99.8	112	122 E	72.0E	25.9	13.2B	9.60B	27
28	5.60B	5.80B	6.10B	21.5	101	107	111	138 E	108 E	24.8	13.3B	9.60B	28
29	5.55B		6.40B	21.6	107	141	132	147 E	118 E	23.9	13.2B	9.45B	29
30	5.50B		6.55B	22.5	105	160	148	127 E	86.0E	23.5	13.0B	9.05B	30
31	5.40B		6.60B		121		170	110 E		22.8		8.80B	31
TOTAL	230.10	147.58	171.80	434.16	1 844.9	3 835.4	4 249.6	4 367.2	2 915.5	913.8	490.7	320.89	TOTAL
MEAN	7.42	5.27	5.54	14.5	59.5	128	137	141	97.2	29.5	16.4	10.4	MEAN
MAX	11.3	5.80	6.60	22.9	121	226	202	200	180	56.1	22.1	14.8	MAX
MIN	5.40	5.05	5.15	6.70	21.9	97.7	89.2	93.6	59.0	22.8	12.8	8.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.6
MAXIMUM DAILY, 226 ON JUN 22
MINIMUM DAILY, 5.05B ON FEB 04
MAXIMUM INSTANTANEOUS
240 AT 12:12 PST ON JUN 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 02 27 N
LONG 130 24 05 W
DRAINAGE AREA, 844 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 900	JUL	367 000
FEB	12 800	AUG	377 000
MAR	14 800	SEP	252 000
APR	37 500	OCT	79 000
MAY	159 000	NOV	42 400
JUN	331 000	DEC	27 700

TOTAL DISCHARGE, 1 720 000 dam³

MORICE RIVER NEAR HOUSTON - STATION NO. 08ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	84.1	36.7	21.5	15.4	35.2	189	185	135	80.4	55.0	42.9	29.1	1
2	81.5	35.5B	20.8	15.4	36.5	194	182	131	77.7	53.9	41.7	28.6	2
3	78.7	34.9B	20.7	15.2	38.4	203	178	128	74.1	51.2	41.2	30.3	3
4	76.2	34.0B	20.5	15.3	41.9	210	174	125	71.8	50.4	39.7	32.2	4
5	76.6	33.1B	20.0	15.2	47.3	210	171	124	70.0	48.5	38.9	32.2	5
6	77.1	32.5B	19.8	15.3	54.6	206	170	124	68.7	46.8	38.4	33.0	6
7	76.4	32.0B	19.5	15.4	59.5	204	173	121	67.5	45.4	38.6	34.6	7
8	74.7	31.0B	19.2	15.5	63.4	200	175	119	66.3	45.0	37.7	37.1	8
9	73.5	30.4B	18.5	15.2	67.0	196	174	117	65.6	46.1	36.4	38.1	9
10	70.8	30.0B	18.4	15.3	71.0	191	172	116	64.4	46.8	35.4	38.7	10
11	67.4	29.1B	18.1	15.6	75.7	188	172	117	63.5	46.4	34.8	38.8	11
12	64.4	28.8B	18.0	15.9	80.0	183	173	120	63.0	47.3	37.1	39.3	12
13	62.4	28.0B	17.8	16.0	83.7	180	172	124	62.3	47.1	37.4	39.7	13
14	60.1	27.6B	18.0	16.3	87.1	180	168	124	60.3	45.7	36.9	39.7	14
15	59.5	27.0B	17.5	16.6	90.7	183	164	124	60.9	44.7	36.4	38.9	15
16	57.3	26.8B	17.3	17.3	94.5	186	161	122	60.9	43.6	36.4	38.8	16
17	54.8	26.1B	17.3	18.4	99.4	186	156	120	59.8	41.9	35.7	39.1	17
18	52.7	25.9B	17.4	19.2	104	184	149	118	59.6	42.5	35.5	37.9	18
19	50.4	25.4B	17.5	20.6	109	182	144	116	58.3	41.5	34.4	36.6	19
20	49.8	25.0B	17.3	21.8	112	182	140	115	56.4	39.9	33.2	35.9	20
21	49.9	24.8B	16.9	23.4	119	185	137	114	56.0	40.0	32.7	35.5	21
22	48.5	25.3	16.3	25.2	124	191	136	114	55.4	38.7	33.5	34.5	22
23	47.1	24.3	16.1	26.7	126	197	136	110	56.8	38.3	33.0	34.3	23
24	45.9	24.1	16.1	27.7	128	196	137	105	57.5	41.7	31.9	33.1	24
25	46.6	23.4	16.0	28.8	130	192	140	101	57.3	42.4	31.3	32.8	25
26	44.7	22.8	15.7	30.2	134	189	143	96.7	56.3	43.4	31.2	32.7	26
27	43.9	22.5	15.4	31.3	141	185	140	93.1	55.2	44.9	30.5	31.0	27
28	42.7	22.2	15.5	32.1	153	183	137	89.7	56.5	44.8	30.2	30.0	28
29	40.9		15.4	32.8	164	181	134	86.0	55.2	44.6	30.7	29.3	29
30	39.1		15.4	33.8	175	183	134	83.8	53.6	44.3	29.7	29.0	30
31	37.6		15.0		183		136	82.4		43.8		28.7	31
TOTAL	1 835.3	789.2	548.9	622.9	3 027.9	5 719	4 863	3 515.7	1 871.3	1 396.8	1 063.4	1 069.5	TOTAL
MEAN	59.2	28.2	17.7	20.8	97.7	191	157	113	62.4	45.1	35.4	34.5	MEAN
MAX	84.1	36.7	21.5	33.8	183	210	185	135	80.4	55.0	42.9	39.7	MAX
MIN	37.6	22.2	15.0	15.2	35.2	180	134	82.4	53.6	38.3	29.7	28.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 72.1
MAXIMUM DAILY, 210 ON JUN 04
MINIMUM DAILY, 15.0 ON MAR 31
MAXIMUM INSTANTANEOUS,
212 AT 05:35 PST ON JUN 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 05 N
LONG 127 25 26 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	159 000	JUL	420 000
FEB	68 200	AUG	304 000
MAR	47 400	SEP	162 000
APR	53 800	OCT	121 000
MAY	262 000	NOV	91 900
JUN	494 000	DEC	92 400

TOTAL DISCHARGE, 2 280 000 dam³

MOSLEY CREEK NEAR DUMBELL LAKE - STATION NO. 08GD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.5	7.10B	7.20B	11.2	19.3	97.3	112	154	68.7	43.4	18.0	19.1	1
2	12.6	7.50B	7.18B	12.8	23.5	94.0	98.8	135	57.7	31.8	17.1	18.0	2
3	12.6	8.00B	7.15B	12.9	28.0	94.0	88.3	131	54.1	29.1	16.8	21.5	3
4	12.4	7.90B	7.10B	12.5	35.9	96.0	90.0	145	59.1	48.2	16.4	30.0	4
5	13.6	7.70B	7.20B	13.0	44.3	75.6	96.9	157	73.2	38.6	15.4	22.2	5
6	14.1	7.50B	7.25B	14.2	43.4	71.2	103	175	78.9	29.1	14.6	20.5	6
7	14.5	7.30B	7.10B	15.8	36.1	69.7	108	133	85.8	25.0	14.7	20.1	7
8	13.4	7.20B	7.00B	16.4	33.3	67.6	127	126	92.5	23.0	14.1	24.5	8
9	12.7	7.65B	7.00B	14.2	34.9	66.6	132	143	85.1	25.5	13.7	20.6	9
10	11.6	7.95B	7.10B	13.0	36.0	73.8	138	173	86.7	23.6	13.9	18.5	10
11	10.1 B	7.70B	7.08B	12.9	39.8	73.5	165	193	87.0	21.4	60.1	17.9	11
12	10.0 B	7.20B	7.00B	14.0	42.0	68.2	185	199	76.9	20.2	140	16.8	12
13	10.0 B	7.00B	7.10B	14.7	41.6	67.3	168	188	68.3	18.2	108	16.3	13
14	10.1 B	6.60B	7.20B	15.4	39.7	79.3	152	154	73.2	16.9	58.9	15.6 B	14
15	9.90B	6.35B	7.40	17.4	41.5	93.4	157	128	79.5	16.2	42.1	15.0 B	15
16	9.30B	6.20B	7.54	18.1	43.7	99.1	145	109	74.6	15.5	40.8	14.6 B	16
17	9.10B	6.25B	8.01	22.0	45.3	98.3	128	109	65.7	15.1	35.6	13.9 B	17
18	9.20B	6.80B	8.20	25.2	48.9	106	119	120	57.3	15.4	30.3	13.0 B	18
19	9.50B	7.20B	8.49	23.9	49.6	116	120	134	49.6	14.5	28.3	10.0 B	19
20	10.0 B	7.50B	8.86	23.8	47.9	121	129	144	54.3	13.9	25.5	10.2 B	20
21	10.5 B	7.74B	8.30B	24.0	45.2	128	140	150	69.8	14.7	23.6	10.3 B	21
22	10.8	7.65B	8.10B	23.9	45.6	157	151	131	74.0	13.9	22.8B	10.4 B	22
23	10.2	7.60B	7.80B	23.5	46.6	174	151	90.9	87.5	14.1	25.5B	10.4 B	23
24	9.56	7.70B	7.90B	23.5	48.3	153	154	83.6	84.1	28.2	24.5B	10.5 B	24
25	10.5	7.60B	8.00B	22.2	49.5	141	170	71.8	74.7	32.5	21.5B	10.5 B	25
26	9.85	7.40B	8.12	21.0	54.1	131	179	65.5	56.9	29.2	20.0B	10.6 B	26
27	9.62	7.35B	8.25	20.5	57.7	120	156	68.6	50.0	32.9	20.2B	10.3 B	27
28	9.67	7.25B	8.67	18.9	67.6	114	155	74.6	53.9	34.6	20.6	10.0 B	28
29	8.80B		9.42	17.8	81.2	113	168	75.0	55.1	25.8	23.4	9.60B	29
30	8.00B		9.88	17.8	83.8	122	178	74.5	41.6	22.5	20.6	9.20B	30
31	7.40B		10.7		91.7		177	71.3		20.2		8.90B	31
TOTAL	333.10	204.89	243.30	536.5	1 446.0	3 070.9	4 349.0	3 906.8	2 075.8	753.2	947.0	471.00	TOTAL
MEAN	10.7	7.32	7.85	17.9	46.6	102	140	126	69.2	24.3	31.6	15.2	MEAN
MAX	14.5	8.00	10.7	25.2	91.7	174	185	199	92.5	48.2	140	30.0	MAX
MIN	7.40	6.20	7.00	11.2	19.3	66.6	88.3	65.5	41.6	13.9	13.7	8.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.2
MAXIMUM DAILY, 199 ON AUG 12
MINIMUM DAILY, 6.20B ON FEB 16
MAXIMUM INSTANTANEOUS,
220 AT 20:02 PST ON AUG 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 31 N
LONG 124 55 54 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 800	JUL	376 000
FEB	17 700	AUG	338 000
MAR	21 000	SEP	179 000
APR	46 400	OCT	65 100
MAY	125 000	NOV	81 800
JUN	265 000	DEC	40 700

TOTAL DISCHARGE, 1 580 000 dam³

MOYIE RIVER ABOVE NEGRO CREEK - STATION NO. 08NH120

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.720B	0.607	0.555	3.17	8.10	29.5	8.36	1.24	0.600	0.227	1.38	4.47	1
2	0.675B	0.669	0.564	4.77	8.74	24.1	7.13	1.15	0.539	0.311	0.931	3.60 B	2
3	0.640B	0.652	0.559	6.10	9.45	22.3	6.90	1.14	0.480	0.315	0.906	3.50 B	3
4	0.608B	0.654	0.564	6.43	12.4	31.1	5.93	1.02	0.443	0.934	0.995	3.84 B	4
5	0.602B	0.593	0.557	6.04	18.2	22.7	5.27	0.954	0.431	1.72	0.848	3.92 B	5
6	0.610B	0.590B	0.548	6.03	24.6	19.1	5.02	0.868	0.394	0.857	0.904	3.07	6
7	0.620B	0.660B	0.546	6.34	19.1	22.4	4.63	0.770	0.377	0.650	0.872	2.92 B	7
8	0.638B	0.770B	0.561	7.06	14.9	19.7	4.10	0.745	0.375	0.592	0.841	2.86 B	8
9	0.756B	0.700B	0.556	6.25	12.3	17.9	3.81	0.677	0.379	0.553	1.59 E	2.87 B	9
10	0.900B	0.640B	0.547E	5.21	11.4	22.8	3.41	0.658	0.379	0.788	14.4	2.90	10
11	1.23 B	1.00 B	0.543E	4.69	11.6	24.9	3.17	0.639	0.354	0.727	11.3	2.72 B	11
12	0.998B	0.865B	0.543E	4.92	11.8	20.2	2.94	0.625	0.336	0.662	7.56	2.78 B	12
13	0.798B	0.760B	0.545E	5.64	13.0	16.2	2.79	0.593	0.337	0.663	6.04	2.16	13
14	0.704B	0.630B	0.552A	6.32	12.9	14.3	2.64	0.557	0.335	0.637	6.36	1.57 B	14
15	0.648B	0.560B	0.528	7.92	12.0	13.5	2.32	0.518	0.313	0.595	4.47	1.48 B	15
16	0.610B	0.518B	0.537	9.11	12.0	14.5	2.00	0.483	0.333	0.619	3.76	1.53 B	16
17	0.585B	0.502B	0.550	9.54	12.4	16.5	1.80	0.466	0.374	0.867	3.24	1.50 B	17
18	0.565B	0.500B	0.552	10.8	13.3	16.9	1.70	0.459	0.340	0.893	2.86	1.21 B	18
19	0.550B	0.501B	0.615	12.6	13.6	16.6	1.61	0.582	0.326	0.805	2.70	1.10 B	19
20	0.555B	0.517B	0.728	16.0	13.2	16.6	1.46	0.522	0.323	0.549	2.55	1.01 B	20
21	0.578	0.538B	0.798	17.1	13.3	15.7	1.38	0.537	0.316	0.581	2.17	0.980B	21
22	0.599	0.565B	0.784	18.4	12.9	15.2	1.35	0.571	0.305	0.560	2.37	0.985B	22
23	0.625	0.616	0.760B	18.3	12.8	16.1	1.24	0.740	0.294	0.507	4.76	1.04 B	23
24	0.655	0.645	0.740B	17.4	24.6	15.8	1.39	0.577	0.269	0.509	20.3	1.07 B	24
25	0.619	0.612	0.718B	15.0	30.1	14.4	3.45	0.618	0.261	0.537	16.2	1.10 B	25
26	0.673	0.563	0.738B	12.3	22.4	12.9	2.85	0.709	0.249	1.49	9.05	1.10 B	26
27	0.682	0.553	0.783B	11.2	19.3	10.9	2.53	0.577	0.255	1.05	7.05	1.00 E	27
28	0.644	0.546	0.860B	10.2	23.9	9.70	2.29	0.508	0.258	1.17	5.87	0.935B	28
29	0.611		0.912	8.66	27.9	9.05	1.76	0.495	0.247	1.28	4.86	0.935B	29
30	0.613		1.79	8.00	31.2	8.77	1.51	0.492	0.225	1.18	4.59	1.08 B	30
31	0.568		2.03		27.2		1.36	0.675		1.61		1.12 B	31
TOTAL	20.879	17.526	21.653	282.50	516.59	530.32	98.10	21.163	10.447	23.638	151.727	62.355	TOTAL
MEAN	0.674	0.626	0.699	9.42	16.7	17.7	3.16	0.683	0.348	0.763	5.06	2.01	MEAN
MAX	1.23	1.00	2.03	18.4	31.2	31.1	8.36	1.24	0.600	1.72	20.3	4.47	MAX
MIN	0.550	0.500	0.528	3.17	8.10	8.77	1.24	0.459	0.225	0.227	0.841	0.935	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.81
MAXIMUM DAILY, 31.2 ON MAY 30
MINIMUM DAILY, 0.225 ON SEP 30
MAXIMUM INSTANTANEOUS
34.3 AT 07:21 MST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 20 N
LONG 115 56 28 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 800	JUL	8 480
FEB	1 510	AUG	1 830
MAR	1 870	SEP	903
APR	24 400	OCT	2 040
MAY	44 600	NOV	13 100
JUN	45 800	DEC	5 390

TOTAL DISCHARGE, 152 000 dam³

MOYIE RIVER AT EASTPORT - STATION NO. 08NH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.96B	5.10B	4.96B	24.9	50.7	117	31.7	7.25	3.09	1.64	4.53	28.9	1
2	4.81B	5.52B	5.10B	34.8	50.4	112	29.4	6.80	2.92	1.70	4.02	26.1	2
3	4.70B	6.00	5.24B	44.7	51.0	103	27.3	6.51	2.83	1.76	3.88	23.5	3
4	4.81B	5.72	5.52B	45.9	55.8	125	25.0	6.23	2.75	1.90	4.02	22.2	4
5	4.90	5.52	5.75	43.6	69.9	121	23.4	5.92	2.72	2.55	3.82	20.7	5
6	5.21	5.47	5.83	42.5	91.2	105	22.0	5.61	2.61	2.44	3.54	19.1	6
7	5.95	5.24B	5.86	43.9	86.1	127	20.6	5.21	2.49	2.15	3.68	17.4 B	7
8	6.43	5.24B	6.34	49.6	74.8	111	19.2	4.90	2.41	2.10	3.60	16.4 B	8
9	6.82	5.38B	6.46	53.0	66.8	94.6	17.9	4.73	2.35	2.07	5.49	17.2 B	9
10	10.6	5.95	6.60	46.4	61.7	91.7	16.8	4.56	2.29	2.61	21.2	19.5	10
11	10.5	6.97	6.54	41.9	58.6	89.2	15.5	4.45	2.24	2.61	20.7	20.5	11
12	10.6	6.23B	6.46	41.9	58.0	87.5	14.6	4.25	2.18	2.44	18.2	19.1	12
13	9.43	5.10B	6.48	43.3	59.7	81.0	13.6	4.05	2.12	2.49	17.2	17.7 B	13
14	8.89	4.81B	6.40	44.2	62.6	75.6	12.6	3.88	2.07	2.35	17.4	16.7 B	14
15	8.16	4.53B	6.29	48.1	61.4	70.2	11.8	3.71	2.07	2.35	16.6	15.6 B	15
16	7.93	4.67B	6.37	54.4	59.2	67.4	10.9	3.54	2.07	2.52	15.5	15.0 B	16
17	7.62	4.81B	6.65	57.8	57.8	66.0	10.2	3.40	2.07	2.41	14.8	14.5 B	17
18	7.22	4.96B	7.11	61.4	57.8	64.8	9.60	3.26	2.04	2.61	13.9	13.8 B	18
19	6.23B	5.24B	8.13	69.1	57.8	62.9	9.06	3.37	1.98	2.72	13.0	11.4 B	19
20	6.23B	5.52B	12.0	76.7	58.3	61.2	8.67	3.37	1.95	2.52	12.4	9.06B	20
21	6.51B	5.52B	16.5	82.7	58.0	58.3	8.18	3.51	1.90	2.61	11.4	7.65B	21
22	6.99	5.66B	16.1	89.5	57.2	55.8	7.82	3.60	1.87	2.63	12.6	6.80B	22
23	6.57	5.80B	14.2	89.8	66.3	54.1	7.50	3.40	1.84	2.55	17.8	6.23B	23
24	6.23	5.80	12.8	90.3	80.7	52.4	7.28	3.23	1.81	2.46	54.7	5.66B	24
25	6.46	4.81B	12.2	86.7	117	49.6	8.10	3.28	1.78	2.46	99.4	5.95B	25
26	6.23	4.67B	11.7	77.6	112	46.4	9.71	3.45	1.76	2.83	62.6	6.23B	26
27	6.71	4.81B	11.6	69.4	97.7	43.0	9.51	3.20	1.73	3.06	48.7	6.23B	27
28	7.16	4.87B	11.9	66.8	96.6	39.1	8.78	3.06	1.70	2.92	40.5	5.95B	28
29	6.31		12.7	59.6	102	36.0	8.33	2.92	1.70	3.11	36.8	5.66B	29
30	5.66B		14.4	53.5	109	34.3	7.87	2.89	1.67	3.17	32.0	5.95B	30
31	5.24B		17.9		102		7.59	3.26		4.42		6.23B	31
TOTAL	212.07	149.92	282.09	1 733.6	2 247.5	2 302.1	440.30	130.80	65.01	78.16	633.38	433.00	TOTAL
MEAN	6.84	5.35	9.10	57.8	72.5	76.7	14.2	4.22	2.17	2.52	21.1	14.0	MEAN
MAX	10.6	6.97	17.9	90.3	117	127	31.7	7.25	3.09	4.42	99.4	28.9	MAX
MIN	4.70	4.53	4.96	24.9	50.4	34.3	7.28	2.89	1.67	1.64	3.54	5.66	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.9
MAXIMUM DAILY, 127 ON JUN 07
MINIMUM DAILY, 1.64 ON OCT 01
MAXIMUM INSTANTANEOUS
145 AT 13:45 PST ON JUN 07

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 58 N
LONG 116 10 43 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 300	JUL	38 000
FEB	13 000	AUG	11 300
MAR	24 400	SEP	5 620
APR	150 000	OCT	6 750
MAY	194 000	NOV	54 700
JUN	199 000	DEC	37 400

TOTAL DISCHARGE, 752 000 dam³

MULLER CREEK NEAR THE MOUTH - STATION NO. 08KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15 B	0.759B	0.320B	0.360B	4.85	17.1	14.9 E	4.60	3.04	0.906	1.90	1.18 B	1
2	2.13 B	0.724B	0.322B	0.400B	5.56	26.1	12.4 E	3.75	2.74	2.07	1.77B	1.19 B	2
3	2.11 B	0.709B	0.323B	0.450B	7.02	31.4	11.3 E	3.33	1.97	1.48	1.74B	1.16 B	3
4	2.10 B	0.702B	0.322B	0.520B	10.1	28.7	10.5 E	3.32	1.72	1.09	1.66B	1.10 B	4
5	2.09 B	0.700B	0.320B	0.580B	16.7	22.9A	10.0 E	3.53	1.85	1.12 A	1.61B	1.06 B	5
6	2.02 B	0.699B	0.317B	0.670B	19.1	22.3E	11.3 E	3.69	1.86	1.39 E	1.57B	1.04 B	6
7	1.97 B	0.699B	0.311B	0.740B	10.3	21.7E	13.2 E	4.06	1.76	1.82 E	1.53B	1.01 B	7
8	1.92 B	0.698B	0.308B	0.810B	7.62	21.1E	12.3 E	4.47	1.66	2.51 E	1.48B	0.972B	8
9	1.85 B	0.688B	0.304B	0.910B	6.83	21.6E	11.2 E	4.52	1.59	4.98 E	1.43B	0.950B	9
10	1.78 B	0.674B	0.301B	1.02 B	9.05	27.3E	10.6 E	2.76	1.59	9.10 E	1.39B	0.929B	10
11	1.69 B	0.653B	0.302B	1.27 B	10.5	32.7E	9.70E	2.88	1.52	6.40 E	1.38B	0.916B	11
12	1.65 B	0.630B	0.304B	1.50 B	8.20	29.5E	9.21E	3.16	1.53	3.65 E	1.55B	0.915B	12
13	1.60 B	0.602B	0.307B	1.85 B	7.80	25.6E	8.80E	3.08	1.41	2.61 E	1.98B	0.914B	13
14	1.57 B	0.557B	0.310B	2.21 B	8.67	22.2E	8.35E	2.55	1.43	1.95 E	2.60B	0.915B	14
15	1.52 B	0.519B	0.313B	2.79 B	10.6	19.9E	7.67E	2.92	1.42	1.54 E	2.54B	0.918B	15
16	1.47 B	0.476B	0.314B	3.91 B	12.9	18.2E	9.70E	2.53	1.50	1.21 A	2.17B	0.902B	16
17	1.43 B	0.445B	0.310B	4.62 B	16.3	16.9E	9.12E	2.42	1.35	1.30	1.92B	0.866B	17
18	1.41 B	0.417B	0.306B	5.17 B	17.8	15.9E	8.41E	2.28	1.19	1.08	1.78B	0.831B	18
19	1.41 B	0.393B	0.302B	5.66 B	16.9	15.4E	8.00E	2.39	1.23	1.05	1.67B	0.790B	19
20	1.42 B	0.365B	0.301B	6.19 B	18.3	15.3E	7.55E	2.36	1.15	0.989	1.53B	0.750B	20
21	1.42 B	0.334B	0.300B	6.15 B	20.4	15.6E	7.20E	2.42	1.01	1.22	1.42B	0.712B	21
22	1.41 B	0.313B	0.300B	5.78 B	17.7	19.1E	6.89E	2.79	1.02	1.04	1.34B	0.680B	22
23	1.39 B	0.301B	0.299B	5.22 B	17.4	24.7E	6.59E	2.76	1.19	1.00	1.27B	0.647B	23
24	1.35 B	0.297B	0.299B	4.76 B	21.3	18.9E	6.34E	2.29	1.27	3.57	1.21B	0.622B	24
25	1.28 B	0.293B	0.301B	4.44 B	26.7	14.8E	6.02E	1.99	1.21	5.20	1.18B	0.600B	25
26	1.22 B	0.292B	0.304B	4.10 B	29.1	12.3E	5.89A	1.72	1.03	4.93	1.17B	0.585B	26
27	1.13 B	0.298B	0.308B	3.88 B	29.7	19.0E	5.60	1.63	0.986	3.47	1.16B	0.574B	27
28	1.07 B	0.304B	0.312B	3.67 B	31.8	15.1E	4.69	1.57	0.930	5.03	1.16B	0.568B	28
29	0.985B		0.318B	3.51 B	34.8	11.1E	4.54	1.61	0.878	3.15	1.17B	0.565B	29
30	0.890B		0.328B	3.85	43.0	12.4E	4.56	1.69	0.836	2.78	1.18B	0.560B	30
31	0.810B		0.342B		56.2		4.73	2.21		2.17		0.559B	31
TOTAL	48.245	14.541	9.628	86.990	553.20	634.8	267.26	83.31	43.870	81.805	47.46	25.980	TOTAL
MEAN	1.56	0.519	0.311	2.90	17.8	21.2	8.62	2.69	1.46	2.64	1.58	0.838	MEAN
MAX	2.15	0.759	0.342	6.19	56.2	37.1	14.9	4.60	3.04	9.10	2.60	1.19	MAX
MIN	0.810	0.292	0.299	0.360	4.85	11.1	4.54	1.57	0.836	0.906	1.16	0.559	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.20
MAXIMUM DAILY, 56.2 ON MAY 31
MINIMUM DAILY, 0.292B ON FEB 26
MAXIMUM INSTANTANEOUS,
63.0 AT 07:48 PST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 48 N
LONG 120 58 35 W
DRAINAGE AREA, 134 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 170	JUL	23 100
FEB	1 260	AUG	7 200
MAR	832	SEP	3 790
APR	7 520	OCT	7 070
MAY	47 800	NOV	4 100
JUN	54 800	DEC	2 240

TOTAL DISCHARGE, 164 000 dam³

MURRAY RIVER ABOVE WOLVERINE RIVER - STATION NO. 07FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.8B	11.4B	13.1B	15.4B	50.0	498E	146	54.2	24.4E	14.3	18.7	11.6 B	1
2	22.5B	10.8B	13.3B	15.7B	53.0	400E	146	53.0	24.6E	14.6	17.5	11.5 B	2
3	21.7B	10.6B	13.5B	16.1B	58.9	337E	164	51.8	23.3E	16.0	16.5B	11.5 B	3
4	19.3B	10.5B	13.7B	16.5B	72.3	359E	173	48.6	22.9E	15.8	15.5B	11.4 B	4
5	18.2B	10.5B	13.9B	16.8B	102	335E	148	52.0	22.3A	15.4	14.7B	11.5 B	5
6	17.5B	10.4B	14.0B	17.0B	69.1	296E	138	49.0	22.2	14.6	14.2B	11.6 B	6
7	17.0B	10.5B	14.0B	17.4B	164	274E	139	45.0	22.5	13.9	13.9B	11.7 B	7
8	16.6B	10.6B	14.0B	17.8B	133	264E	135	45.8	23.3	13.4	13.7B	11.8 B	8
9	16.2B	10.6B	14.1B	18.1B	114 A	262A	136	47.6	22.2	15.1	13.6B	11.9 B	9
10	16.3B	10.5B	14.1B	18.4B	109 E	255	131	44.0	22.2	30.6	13.5B	11.8 B	10
11	16.4B	10.4B	14.0B	19.0B	102 E	369	126	39.0	21.7	26.5	13.5B	11.6 B	11
12	16.4B	10.3B	13.9B	19.6B	96.0E	671	127	37.5	21.0	22.2	13.4B	11.4 B	12
13	16.4B	10.3B	13.9B	20.3B	91.5E	774A	136	38.4E	20.4	21.0	13.4B	11.3 B	13
14	16.3B	10.2B	13.8B	21.3B	87.5E	500E	124	40.6E	19.7	19.7	13.5B	11.2 B	14
15	16.2B	10.1B	14.0B	22.5B	86.5E	410A	102	43.4E	19.7	17.8	13.6B	11.1 B	15
16	15.9B	10.2B	14.2B	24.0B	89.0E	330E	85.4	44.2E	20.1	16.5	13.8B	11.0 B	16
17	15.5B	10.3B	14.5B	26.0B	95.0E	270E	77.4	43.0E	20.2	15.8	14.0B	10.9 B	17
18	15.2B	10.4B	14.8B	29.0E	106 E	242E	73.3	41.0E	19.4	15.4	14.2B	10.8 B	18
19	14.7B	10.5B	14.9B	34.5E	128 E	230E	70.4	38.5E	18.6	15.6	14.3B	10.7 B	19
20	14.2B	10.6B	14.9B	44.5E	154 E	225E	65.4	36.2E	18.1	14.9	14.2B	10.5 B	20
21	13.7B	10.8B	14.7B	58.0E	172 E	228A	62.2	33.4E	17.2	14.5	13.9B	10.3 B	21
22	13.3B	11.0B	14.5B	67.0E	175 E	240	61.3	32.3E	16.9	14.5	13.6B	10.2 B	22
23	13.2B	11.2B	14.3B	74.5E	174 E	254	57.6	33.0E	17.6	14.4	13.4B	10.1 B	23
24	13.2B	11.4B	14.2B	81.2A	185 E	241	58.0	35.0E	19.3	14.2	13.1B	10.0 B	24
25	13.1B	11.7B	14.1B	82.2	210 E	205	63.3	35.4E	20.3	20.8	12.8B	9.90B	25
26	13.1B	12.0B	14.1B	72.8	260 E	188	64.7	32.5E	19.6	24.8	12.5B	9.80B	26
27	13.0B	12.4B	14.2B	63.9	340 E	185	63.8	28.0E	17.4	23.6	12.3B	9.70B	27
28	12.9B	12.7B	14.3B	56.2	332 E	171	62.0	26.1E	15.8	21.7	12.0B	9.65B	28
29	12.7B		14.5B	51.8	335 E	153	57.9	24.7E	14.9	22.6	11.8B	9.60B	29
30	12.4B		14.8B	48.8	360 E	140	55.1	24.2E	14.5	22.4	11.7B	9.55B	30
31	11.9B		15.1B		405 E		54.8	24.0E		20.8		9.50B	31
TOTAL	489.8	302.9	439.4	1 086.3	4 916.8	9 306	3 103.6	1 221.4	603.2	563.4	416.8	335.10	TOTAL
MEAN	15.8	10.8	14.2	36.2	159	310	100	39.4	20.1	18.2	13.9	10.8	MEAN
MAX	24.8	12.7	15.1	82.2	405	774	173	54.2	24.6	30.6	18.7	11.9	MAX
MIN	11.9	10.1	13.1	15.4	50.0	140	54.8	24.0	14.5	13.4	11.7	9.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.4
MAXIMUM DAILY, 774A ON JUN 13
MINIMUM DAILY, 9.50B ON DEC 31
MAXIMUM INSTANTANEOUS,
872 AT 01:00 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 03 55 N
LONG 121 01 00 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 300	JUL	268 000
FEB	26 200	AUG	106 000
MAR	38 000	SEP	52 100
APR	93 900	OCT	48 700
MAY	425 000	NOV	36 000
JUN	804 000	DEC	29 000

TOTAL DISCHARGE, 1 970 000 dam³

MURRAY RIVER NEAR THE MOUTH - STATION NO. 07FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.5B	16.7B	19.3B	23.0B	90.1	823	184	64.9	37.3	26.2	32.6	18.4B	1
2	32.0B	16.1B	19.8B	23.2B	93.0	704	189	66.5	37.2	26.4	30.5	18.3B	2
3	30.4B	15.9B	20.1B	23.8B	99.6	546	213	63.9	38.9	26.7	27.3B	18.2B	3
4	29.0B	15.8B	20.3B	24.4B	113	617	292	59.7	38.0	27.9	25.0B	18.2B	4
5	27.5B	15.9B	20.6B	24.8B	147	616	236	57.6	36.5	28.4	23.4B	18.2B	5
6	26.0B	16.0B	20.8B	25.3B	147	535	199	56.3	34.8	28.1	22.7B	18.3B	6
7	25.0B	16.0B	21.0B	25.8B	262	470	190	56.9	34.4	27.2	22.2B	18.4B	7
8	24.2B	16.1B	21.0B	26.4B	224	441	185	58.5	34.6	26.3	21.9B	18.8B	8
9	24.4B	15.9B	21.0B	27.0B	187	434	189	53.9	34.9	25.5	21.7B	19.0B	9
10	24.3B	15.8B	21.0B	27.6B	192	424	182	50.9	34.8	28.8	21.6B	18.7B	10
11	24.6B	15.7B	20.9B	28.2B	173	555	165	48.4	33.6	40.1	21.5B	18.4B	11
12	24.5B	15.6B	20.7B	29.4B	158	1 010	158	48.5	33.6	37.0	21.4B	18.2B	12
13	24.4B	15.5B	20.6B	30.0B	151	817	160	56.5	32.2	34.5	21.4B	19.0B	13
14	24.3B	15.3B	20.5B	32.0B	146	628A	158	55.7	32.2	33.5	21.4B	17.8B	14
15	24.0B	15.2B	20.7B	33.0B	144	539A	134	56.8	31.3	32.6	21.5B	17.5B	15
16	23.7B	15.3B	21.2B	35.3B	148	451	117	55.0	30.7	31.2	21.6B	17.3B	16
17	23.3B	15.4B	21.7B	37.4B	164	390	106	52.4	31.0	29.4	22.1B	17.1B	17
18	22.7B	15.5B	21.9B	43.0	185	385	97.6	49.0	31.0	28.5	22.3B	17.0B	18
19	22.0B	15.6B	22.0B	53.8	221	375	94.8	47.6	30.6	28.3	22.7B	16.8B	19
20	21.2B	15.8B	22.0B	73.2	265	359	90.9	45.9	29.6	28.2	22.6B	16.7B	20
21	20.4B	16.0B	21.8B	97.5	289	345	85.2	44.4	29.4	27.5	22.4B	16.6B	21
22	20.2B	16.6B	21.5B	113	295	348	81.3	44.1	28.8	26.7	22.0B	16.5B	22
23	20.0B	16.8B	21.1B	117	290	359	77.4	45.4	28.1	26.5	21.6B	16.3B	23
24	19.9B	17.3B	21.0B	127	307	357	76.4	45.8	28.3	26.3	21.1B	16.1B	24
25	19.8B	17.6B	20.9B	156	361	308	76.1	43.6	29.7	27.0	20.7B	16.0B	25
26	19.7B	18.1B	21.0B	143	536	266	77.5	39.9	30.5	34.9	20.2B	15.8B	26
27	19.6B	18.3B	21.0B	125	573	251	78.4	37.5	30.8	36.2	19.8B	15.6B	27
28	19.4B	18.7B	21.2B	110	548	231	78.5	35.5	29.1	35.5	19.3B	15.5B	28
29	18.9B		21.7B	99.1	551	205	74.6	34.6	26.6	34.8	19.0B	15.4B	29
30	18.4B		22.1B	93.1	581	186	67.3	34.4	25.8	35.0	18.7B	15.3B	30
31	17.6B		22.6B		703		64.9	36.5		34.4		15.2B	31
TOTAL	724.9	454.5	653.0	1 827.3	8 343.7	13 975	4 177.9	1 547.2	964.3	939.5	672.2	533.6	TOTAL
MEAN	23.4	16.2	21.1	60.9	269	466	135	49.9	32.1	30.3	22.4	17.2	MEAN
MAX	33.5	18.7	22.6	156	703	1 010	292	66.5	38.9	40.1	36.6	19.0	MAX
MIN	17.6	15.2	19.3	23.0	90.1	186	64.9	34.4	25.8	25.5	18.7	15.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 95.4
MAXIMUM DAILY, 1 010 ON JUN 12
MINIMUM DAILY, 15.2B ON FEB 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 34 15 N
LONG 121 11 19 W
DRAINAGE AREA, 5 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	62 600	JUL	361 000
FEB	39 300	AUG	134 000
MAR	56 400	SEP	83 300
APR	158 000	OCT	81 200
MAY	721 000	NOV	58 100
JUN	1 210 000	DEC	46 100

TOTAL DISCHARGE, 3 010 000 dam³

MUSKEG RIVER NORTH OF JOANNE LAKE - STATION NO. 08KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.29 B	0.685B	0.551B	0.570B	10.3	7.45E	1.80 E	0.560E	0.406	0.386	0.772B	0.690B	1
2	1.29 B	0.725B	0.542B	0.590B	10.4	7.75E	1.72 E	0.520E	0.400	0.442	0.760B	0.650B	2
3	1.30 B	0.735B	0.532B	0.615B	11.5	8.40E	1.79 E	0.480E	0.404	0.483	0.725B	0.638B	3
4	1.31 B	0.738B	0.525B	0.640B	12.9	8.52E	1.88 E	0.445E	0.395	0.610	0.642B	0.642B	4
5	1.35 B	0.738B	0.520B	0.675B	13.1	8.50E	1.80 E	0.425E	0.387	0.682	0.658B	0.648B	5
6	1.39 B	0.730B	0.518B	0.720B	13.1	7.90E	1.70 E	0.400E	0.415	0.664	0.650B	0.656B	6
7	1.40 B	0.700B	0.516B	0.765B	13.1	7.20E	1.60 E	0.368E	0.387	0.631	0.642B	0.678B	7
8	1.38 B	0.662B	0.513B	0.830B	12.9 E	6.65E	1.56 E	0.352E	0.369	0.612	0.703B	0.697B	8
9	1.36 B	0.650B	0.505B	0.900B	12.3 E	5.95E	1.52 E	0.341A	0.377	0.656	0.695B	0.695B	9
10	1.31 B	0.645B	0.495B	0.990B	12.1 E	5.20E	1.50 E	0.330	0.363	0.687	0.658B	0.645B	10
11	1.24 B	0.640B	0.487B	1.10 B	11.8 E	5.12E	1.48 E	0.322	0.340	0.668	0.648B	0.600B	11
12	1.18 B	0.610B	0.482B	1.23 B	11.5 E	5.45E	1.42 E	0.307	0.342	0.675	0.652B	0.580B	12
13	1.17 B	0.578B	0.478B	1.37 B	11.2 E	5.70E	1.38 E	0.307	0.346	0.690	0.680B	0.572B	13
14	1.17 B	0.560B	0.477B	1.57 B	10.7 E	5.40E	1.31 E	0.292	0.343	0.670	0.715B	0.574B	14
15	1.17 B	0.545B	0.475B	1.72 B	10.5 E	5.00E	1.23 E	0.299	0.335	0.626	0.728B	0.575B	15
16	1.13 B	0.495B	0.476B	2.08 B	10.5 E	4.55E	1.16 E	0.383	0.346	0.576	0.760B	0.565B	16
17	1.03 B	0.455B	0.478B	2.66 B	10.6 E	4.10E	1.09 E	0.413	0.323	0.546	0.810B	0.535B	17
18	0.990B	0.445B	0.482B	3.65 B	10.3 E	3.75E	1.03 E	0.399	0.319	0.521	0.838B	0.510B	18
19	0.975B	0.442B	0.500B	5.00 B	10.0 E	3.42E	0.970E	0.394	0.318	0.546	0.815B	0.480B	19
20	0.980B	0.450B	0.535B	7.20 B	9.58E	3.22E	0.920E	0.368	0.320	0.575B	0.750B	0.450B	20
21	1.01 B	0.463B	0.541B	9.58	8.70E	3.08E	0.870E	0.350	0.317	0.615B	0.700B	0.430B	21
22	1.04 B	0.476B	0.540B	12.3	8.05E	2.99E	0.830E	0.368	0.314	0.665B	0.685B	0.422B	22
23	1.05 B	0.480B	0.535B	14.9	7.75E	2.90E	0.800E	0.439	0.314	0.670	0.670B	0.418B	23
24	1.04 B	0.510B	0.525B	16.5	7.45E	2.85E	0.785E	0.441	0.318	0.704	0.645B	0.420B	24
25	1.03 B	0.545B	0.522B	16.8	7.05E	2.78E	0.770E	0.422	0.314	0.751	0.638B	0.422B	25
26	0.980B	0.558B	0.520B	16.5	6.38E	2.72E	0.735E	0.413	0.311	0.771	0.645B	0.423B	26
27	0.910B	0.555B	0.522B	15.3	6.00E	2.60E	0.690E	0.405	0.311	0.776	0.665B	0.420B	27
28	0.845B	0.550B	0.525B	13.6	5.82E	2.38E	0.655E	0.382	0.308	0.776	0.698B	0.400B	28
29	0.790B		0.538B	12.0	6.00E	2.20E	0.615E	0.383	0.310	0.790	0.702B	0.382B	29
30	0.745B		0.547B	10.8	6.80E	2.02E	0.600E	0.360	0.314	0.784	0.701B	0.372B	30
31	0.690B		0.560B		7.20E		0.585E	0.374		0.768		0.370B	31
TOTAL	34.545	16.365	15.962	173.155	305.58	145.75	36.795	12.053	10.366	20.016	21.050	16.559	TOTAL
MEAN	1.11	0.585	0.515	5.77	9.86	4.86	1.19	0.389	0.346	0.646	0.702	0.534	MEAN
MAX	1.40	0.738	0.560	16.8	13.1	8.52	1.88	0.560	0.415	0.790	0.838	0.697	MAX
MIN	0.690	0.442	0.475	0.570	5.82	2.02	0.585	0.292	0.308	0.386	0.638	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.21
MAXIMUM DAILY, 16.8 ON APR 25
MINIMUM DAILY, 0.292 ON AUG 14
MAXIMUM INSTANTANEOUS,
17.1 AT 11:24 PST ON APR 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 19 N
LONG 123 14 14 W
DRAINAGE AREA, 303 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 980	JUL	3 180
FEB	1 410	AUG	1 040
MAR	1 380	SEP	896
APR	15 000	OCT	1 730
MAY	26 400	NOV	1 820
JUN	12 600	DEC	1 430

TOTAL DISCHARGE, 69 900 dam³

MUSKWA RIVER NEAR FORT NELSON - STATION NO. 10CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.0B	18.2B	27.3B	44.5B	620E	2 800E	770	346	215 E	95.0	21.5B	24.2B	1
2	33.0B	18.3B	26.9B	44.0B	675E	2 100E	1 220	329	207 E	96.3	21.6B	24.5B	2
3	29.5B	19.0B	28.0B	44.2B	700E	1 600E	1 160	307	198 E	99.4	21.2B	25.5B	3
4	29.0B	20.0B	29.3B	44.8B	711E	1 280	966	281	188 E	97.8	21.0B	26.7B	4
5	28.7B	20.6B	30.3B	45.0B	690E	1 100	791	267	176 E	90.1	22.2B	28.0B	5
6	29.0B	21.0B	31.2B	43.2B	735E	1 020	695	268	165 E	83.0	24.0B	29.6B	6
7	29.2B	21.1B	31.0B	43.0B	756A	1 060	631	281	160 E	74.4	26.5B	31.5B	7
8	29.0B	20.9B	31.5B	42.8B	659	1 100	596	285	163 E	69.1	28.6B	32.7B	8
9	28.9B	20.6B	30.0B	43.0B	565	1 050	585	285	168 E	66.7	28.5B	33.0B	9
10	28.8B	20.8B	29.3B	43.5B	513	923	562	265E	165 E	63.9	28.3B	32.1B	10
11	28.3B	21.0B	29.2B	44.2B	469	823	528	237E	158 E	63.9	28.2B	31.5B	11
12	27.8B	20.5B	29.7B	45.0B	432	734	506	242E	143 E	61.8	28.1B	30.9B	12
13	27.9B	20.3B	31.2B	47.5B	394	666	489	250E	139 A	58.5	28.2B	29.7B	13
14	28.0B	20.5B	32.8B	50.0B	359	615	474	265E	137	56.4	28.4B	29.4B	14
15	27.9B	20.5B	34.5B	54.0B	338	590	435	255E	132	51.8	28.5B	29.5B	15
16	27.6B	20.8B	34.7B	56.5B	335	605	411	238E	132	45.7	28.8B	29.3B	16
17	26.8B	21.2B	34.2B	60.5B	334	601	569	225E	131	37.9	29.0B	29.2B	17
18	25.8B	21.4B	34.0B	66.5B	354	557	594	213E	133	36.8	29.2B	29.0B	18
19	25.5B	22.3B	33.3B	73.0B	399	509	544	209E	131	31.8	29.5B	28.0B	19
20	25.6B	23.1B	33.0B	79.5B	438	473	487	210E	124	31.0B	23.9B	27.7B	20
21	26.2B	22.9B	33.4B	92.0B	411	442	448	216E	118	30.5B	34.2B	27.2B	21
22	27.0B	22.5B	34.0B	112 B	391	420	423	223E	112	30.1B	26.9B	27.7B	22
23	27.2B	22.6B	34.8B	135 B	392	446	448	232E	109	29.5B	25.7B	27.6B	23
24	26.8B	23.1B	34.6B	160 B	393	519	463	223E	108	29.2B	25.6B	27.3B	24
25	26.3B	23.8B	34.9B	189 B	379	510	458	207E	115	27.5B	25.6B	27.2B	25
26	25.7B	24.8B	38.5B	217 B	372	447	454	196E	123	25.0B	26.0B	27.3B	26
27	24.2B	26.2B	42.0B	255 B	442	429	434	180E	119	23.7B	26.2B	27.0B	27
28	22.6B	27.2B	46.0B	310 B	526	494	400	167E	109	22.9B	26.3B	26.5B	28
29	20.7B		46.5B	400 E	578	514	372	162E	103	22.2B	26.2B	26.2B	29
30	19.3B		46.2B	510 E	608	531	354	166E	98.3	21.5B	25.0B	26.2B	30
31	18.4B		46.0B		965		349	183E		21.6B		24.0B	31
TOTAL	838.7	605.2	1 061.3	3 395.5	15 933	24 958	17 606	7 413	4 279.3	1 594.9	792.9	876.2	TOTAL
MEAN	27.1	21.6	34.2	113	514	832	568	239	143	51.4	26.4	28.3	MEAN
MAX	38.0	27.2	46.5	510	965	2 800	1 220	346	215	99.4	34.2	33.0	MAX
MIN	18.4	18.2	26.9	42.8	334	420	349	162	98.3	21.5	21.0	24.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 217
MAXIMUM DAILY, 2 800E ON JUN 01
MINIMUM DAILY, 18.2B ON FEB 01
MAXIMUM INSTANTANEOUS,
3 120 ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 47 18 N
LONG 122 39 33 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72 500	JUL	1 520 000
FEB	52 300	AUG	640 000
MAR	91 700	SEP	370 000
APR	293 000	OCT	138 000
MAY	1 380 000	NOV	68 500
JUN	2 160 000	DEC	75 700

TOTAL DISCHARGE, 6 860 000 dam³

NADINA LAKE NEAR NORALEE - STATION NO. 08JB007

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.815A	---	---	0.544A	---	1.264A	0.994A	0.766A	0.582	0.451	0.614	0.617	1
2	---	---	---	---	---	1.234A	0.994A	0.756A	0.575	0.450	0.610	0.612	2
3	---	---	---	---	---	1.244A	0.984A	0.746A	0.561	0.447	0.615	0.627	3
4	---	0.665A	0.555A	---	1.124A	1.234A	0.970A	0.744A	0.555	0.459	0.612	0.664	4
5	---	---	---	---	1.184A	1.224A	0.966A	0.742A	0.547	0.453	0.615	0.656	5
6	---	---	---	---	---	1.184A	0.971A	0.740A	0.542	0.445	0.612	0.646	6
7	---	---	---	---	---	1.150A	0.984A	0.736A	0.535	0.439	0.611	0.648	7
8	---	---	---	0.574A	---	1.134A	0.989A	0.726A	0.532	0.436	0.606	0.660	8
9	---	---	---	---	---	---	0.979A	0.724A	0.527	0.437	0.601	0.673	9
10	---	---	---	---	1.244A	---	0.968A	0.724A	0.524	0.442	0.599	0.677	10
11	---	0.645A	0.555A	---	1.254A	1.084A	---	0.724A	0.519	0.445	0.599	0.684	11
12	---	---	---	---	1.254A	1.074A	---	---	0.516	0.450	0.631	0.681	12
13	---	---	---	---	1.256A	1.064A	0.946A	0.742A	0.511	0.447	0.633	0.676	13
14	---	---	---	---	1.246A	1.044A	0.930A	0.736A	0.502	0.451	0.630	0.675	14
15	---	---	---	0.644A	1.234A	1.044A	0.904A	0.734A	0.499	0.453	0.625	0.677	15
16	0.711A	---	---	---	1.224A	1.042A	0.892A	0.724A	0.496	0.450	0.631	0.676	16
17	---	---	---	---	1.214A	1.040A	0.864A	0.716A	0.493	0.454	0.632	0.674	17
18	---	0.605A	0.544A	---	1.204A	1.014A	---	0.704A	0.485	0.468	0.628	0.676	18
19	---	---	---	0.772A	1.194A	1.004A	0.824A	0.686A	0.475	0.462	0.626	0.680	19
20	---	---	---	---	1.194A	0.994A	0.824A	0.674A	0.473	0.463	0.624	0.673	20
21	0.695A	---	---	---	1.204A	0.984A	0.814A	0.672A	0.470	0.472	0.622	0.669	21
22	---	---	---	0.904A	1.224A	0.994A	0.804A	0.664A	0.468	0.470	0.627	0.669	22
23	---	---	---	---	1.214A	1.024A	0.800A	0.652A	0.464	0.475	0.625	0.668A	23
24	---	---	---	---	1.204A	1.004A	0.802A	0.652A	0.464	0.515	0.622	0.654	24
25	---	0.585A	0.539A	---	1.184A	0.994A	---	0.644A	0.463	0.549	0.620	0.639	25
26	---	---	---	---	---	0.984A	0.806A	0.634A	0.459	0.568	0.618	0.638	26
27	---	---	---	---	1.174A	0.964A	0.794A	0.614A	0.451	0.588	0.614	0.634	27
28	---	---	---	---	1.214A	0.946A	0.784A	0.609A	0.444	0.601	0.619	0.633	28
29	0.685A		---	0.994A	1.284A	0.956A	0.774A	0.597	0.443	0.606	0.623	0.628A	29
30	---		---	---	1.304A	0.974A	0.771A	0.592	0.438	0.615	0.621	0.618A	30
31	---		---		1.294A		0.769A	0.588		0.617		---	31
MEAN	---	---	---	---	---	---	---	---	0.500	0.486	0.619	---	MEAN
MAX	---	---	---	---	---	---	---	---	0.582	0.617	0.633	---	MAX
MIN	---	---	---	---	---	---	---	---	0.438	0.436	0.599	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.304A ON MAY 30
MINIMUM DAILY, 0.436 ON OCT 08

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 54 15 N
LONG 126 58 15 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NADINA RIVER AT OUTLET OF NADINA LAKE - STATION NO. 08JB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.30A	1.97B	1.10B	1.07A	12.9E	23.5 A	9.35A	3.36A	1.90	1.27	1.62	1.48B	1
2	5.30E	1.92B	1.09B	1.11E	14.9E	21.8 A	9.10A	3.27A	1.81	1.25	1.61	1.47B	2
3	5.20E	1.90B	1.08B	1.16E	16.8A	21.3 A	8.53A	3.08A	1.74	1.26	1.64	1.46B	3
4	5.05E	1.86B	1.08B	1.21E	17.0A	20.9 A	8.73A	2.89A	1.66	1.29	1.65	1.50B	4
5	4.80E	1.81B	1.07B	1.26E	20.9A	18.7 A	8.21A	3.04A	1.63	1.26	1.64	1.60B	5
6	4.63E	1.78B	1.06B	1.30E	21.8E	18.7 A	8.29A	3.00A	1.57	1.25	1.63	1.71B	6
7	4.52E	1.72B	1.06B	1.35E	21.9E	14.5 A	8.93A	2.89A	1.49	1.24	1.64	1.79B	7
8	4.40E	1.67B	1.05B	1.40A	22.0E	14.3 A	8.97A	2.85A	1.47	1.22	1.61	1.78B	8
9	4.25E	1.59B	1.05B	1.49E	22.5E	13.2 E	9.09A	2.66A	1.48	1.23	1.58	1.74B	9
10	4.17E	1.53B	1.04B	1.59E	22.7A	12.9 E	8.28A	2.69A	1.40	1.22	1.50	1.70B	10
11	4.00E	1.48B	1.04B	1.68E	23.8A	12.3 A	8.25E	2.77A	1.34	0.968	1.48	1.69B	11
12	3.90E	1.41B	1.04B	1.78E	22.1A	11.7 A	8.15E	2.81E	1.32	0.701	1.81	1.67B	12
13	3.80E	1.38B	1.04B	1.87E	22.6A	10.7 A	7.96A	2.96A	1.28	0.705	1.85	1.63B	13
14	3.65E	1.31B	1.03B	2.00E	21.0A	10.4 A	7.26A	3.49A	1.25	0.707	1.78	1.60B	14
15	3.60E	1.28B	1.03B	2.08A	20.1A	10.4 A	6.61A	4.02A	1.24	0.708	1.79	1.59B	15
16	3.48A	1.23B	1.02B	2.40E	20.7A	10.2 A	6.20A	3.87A	1.22	0.712	1.89	1.53B	16
17	3.39E	1.23B	1.02B	3.00E	20.3A	9.94A	5.67A	3.58A	1.19	0.718	1.93	1.50B	17
18	3.21E	1.21B	1.02B	3.75E	20.0A	10.2 A	5.32E	3.49A	1.19	0.692	1.89	1.48B	18
19	3.12E	1.20B	1.02B	4.50A	19.0A	9.77A	4.93A	3.14A	1.17	0.688	1.80	1.45B	19
20	3.00E	1.19B	1.02B	5.40E	18.8A	9.27A	4.71A	3.07A	1.19	0.695	1.73	1.41B	20
21	2.91A	1.18B	1.02B	6.75E	19.7A	9.18A	4.51A	2.88A	1.16	0.708	1.69B	1.40B	21
22	2.85E	1.17B	1.02B	7.64A	19.7A	9.60A	4.30A	2.80A	1.24	0.684	1.68B	1.39B	22
23	2.77E	1.16B	1.02B	8.20E	19.5A	10.0 A	4.17A	2.61A	1.34	0.703	1.60B	1.36B	23
24	2.71E	1.15B	1.02B	8.35E	18.7A	9.94A	4.12A	2.61A	1.33	0.821	1.59B	1.34B	24
25	2.69E	1.14B	1.02A	8.80E	17.5A	9.27A	4.20E	2.46A	1.31	1.03	1.56B	1.33B	25
26	2.60B	1.13B	1.02E	9.10E	17.0E	8.61A	4.25A	2.30A	1.30	1.19	1.51B	1.31B	26
27	2.49B	1.12B	1.03E	9.35E	16.0A	8.29A	4.02A	2.24A	1.29	1.39	1.50B	1.31B	27
28	2.32B	1.11B	1.03E	9.60E	20.0A	8.05A	3.84A	2.08A	1.28	1.49	1.50B	1.30B	28
29	2.20B		1.04E	9.96A	25.8A	8.13A	3.59A	2.05	1.28	1.56	1.49B	1.29B	29
30	2.10B		1.05E	11.0 E	26.3A	8.53A	3.52A	2.00	1.27	1.66	1.48B	1.28B	30
31	2.01B		1.07E		24.7A		3.45A	1.96		1.67		1.28B	31
TOTAL	110.42	39.83	32.30	130.35	626.7	374.28	196.51	88.92	41.34	32.690	49.67	46.37	TOTAL
MEAN	3.56	1.42	1.04	4.35	20.2	12.5	6.34	2.87	1.38	1.05	1.66	1.50	MEAN
MAX	5.30	1.97	1.10	11.0	26.3	23.5	9.35	4.02	1.90	1.67	1.93	1.79	MAX
MIN	2.01	1.11	1.02	1.07	12.9	8.05	3.45	1.96	1.16	0.684	1.48	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.85
MAXIMUM DAILY, 26.3A ON MAY 30
MINIMUM DAILY, 0.684 ON OCT 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 54 08 N
LONG 126 57 13 W
DRAINAGE AREA, 399 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 540	JUL	17 000
FEB	3 440	AUG	7 680
MAR	2 790	SEP	3 570
APR	11 300	OCT	2 820
MAY	54 100	NOV	4 290
JUN	32 300	DEC	4 010

TOTAL DISCHARGE, 153 000 dam³

NAHATLATCH RIVER BELOW TACHEWANA CREEK - STATION NO. 08MF065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.26	6.88	7.54	18.7	23.1	52.7	73.3	38.3	21.7	10.8	25.4	26.5	1
2	9.23	7.59	7.46	24.0	24.3	46.8	61.6	32.2	17.7	11.9	22.8	24.3	2
3	9.18	7.70	7.56	25.5	29.3	86.8	63.5	28.4	15.8	10.4	21.1	24.5	3
4	9.17	7.85	7.79	24.3	41.9	93.2	54.9	29.9	14.9	149	19.8	31.3	4
5	9.39	8.13	7.70	25.1	70.0	58.6	56.8	32.1	14.9	56.2	18.8	27.5	5
6	10.7	8.05	7.85	28.0	81.1	55.0	82.8	33.7	15.1	29.1	16.7	24.7	6
7	11.5	7.74	8.31	31.7	47.8	62.5	86.3	28.2	16.1	21.2	16.5	22.6	7
8	12.0	7.41	8.09	37.9	53.6	71.0	71.0	26.5	17.6	18.0	15.6	23.9	8
9	11.3	7.34	8.05	34.1	36.8	51.9	71.7	28.3	18.3	17.9	29.8	23.7	9
10	10.5	8.45	8.15	29.7	25.6	40.7	76.2	72.0	29.8	16.3	22.0	133	22.1	10
11	9.49	11.9	7.64	24.0	43.6	61.2	77.6	33.9	14.9	16.9	---	20.4	11
12	9.60	10.8	7.44	25.5	47.4	49.0	89.5	33.3	16.2	15.9	196	19.1	12
13	9.30	8.60B	7.45	26.7	44.9	45.2	93.4	32.4	14.0	15.5	199	17.8	13
14	9.41	8.00B	7.30	26.0	41.4	57.3	74.2	26.8	13.2	13.7	104	16.8	14
15	9.59	7.58B	7.11	31.0	41.1	87.0	68.5	23.4	13.4	12.7	68.0	16.8	15
16	9.62	7.08B	7.32	36.1	44.3	99.1	65.9	21.9	28.4	12.0	54.4	15.8	16
17	9.52	6.96B	7.79	47.2	46.4	92.3	52.0	19.7	21.9	11.3	50.6	15.4	17
18	9.92	6.74B	9.00	49.3	44.0	98.1	42.9	20.5	15.9	11.8	42.5	14.4 B	18
19	9.36	7.20B	10.1	44.1	43.7	85.8	41.5	21.6	13.4	11.2	37.0	12.2 B	19
20	8.24	7.80B	11.1	48.4	42.9	79.3	40.5	23.7	12.1	10.5	32.7	11.1 B	20
21	8.17	7.76	12.0	51.4	39.9	94.6	40.4	25.5	12.7	10.7	29.6	10.1 B	21
22	8.06	7.43	11.7	44.3	47.0	127	42.6	25.9	14.7	10.9	29.4	9.60B	22
23	8.22	7.28	11.1	42.9	44.5	137	45.2	19.8	16.1	10.2	118	8.90B	23
24	8.19	7.41	10.5	43.8	44.9	111	44.1	15.5	15.3	10.3	129	8.50B	24
25	8.44	7.60	10.0	36.6	37.9	91.4	38.0	16.8	15.0	159	64.6	8.08B	25
26	8.34	7.52	9.80	31.2	37.4	78.7	42.9	14.3	14.9	102	46.2	7.81B	26
27	8.27	7.51	9.73	27.5	45.2	66.4	39.6	12.8	12.6	47.3	38.8	7.52B	27
28	8.09	7.38	10.3	25.2	74.5	73.1	36.8	13.5	11.0	74.2	33.8	7.10B	28
29	7.96		11.6	22.9	92.5	66.2	34.5A	15.4	11.6	42.9	34.1	6.62B	29
30	7.86		13.5	21.5	81.1	78.2	35.3	20.3	10.6	36.0	29.9	6.62B	30
31	7.03		16.4		71.0		37.6	34.8		30.0		6.69B	31
TOTAL	282.91	219.69	287.38	972.3	1 479.4	2 315.2	1 764.9	779.2	466.3	1 012.0	---	498.44	TOTAL
MEAN	9.13	7.85	9.27	32.4	47.7	77.2	56.9	25.1	15.5	32.6	---	16.1	MEAN
MAX	12.0	11.9	16.4	51.4	92.5	137	89.5	38.3	28.4	159	---	31.3	MAX
MIN	7.03	6.74	7.11	18.7	23.1	45.2	34.5	12.8	10.6	10.2	---	6.62	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 6.62B ON DEC 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 121 51 40 W
DRAINAGE AREA, 715 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 400	JUL	152 000
FEB	19 000	AUG	67 300
MAR	24 800	SEP	40 300
APR	84 000	OCT	87 400
MAY	128 000	NOV	---
JUN	200 000	DEC	43 100

NANAIMO RIVER NEAR CASSIDY - STATION NO. 08HB034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.6	35.2	27.2	50.1	19.0	19.0	9.83	4.78	3.02	3.81	54.0	108	1
2	21.3	34.6	26.4	53.0	20.0	20.0	9.97	5.24	4.84	4.51	38.3	72.6	2
3	21.9	172	25.7	50.4	21.5	44.6	9.28	4.76	5.70	9.40	32.6	189	3
4	25.5	131	27.2	44.6	23.8	69.7	8.53	4.04	5.54	21.8	35.8	649	4
5	50.0	98.0	30.6	41.2	28.3	56.9	8.62	3.84	4.44	28.1	32.2	273	5
6	134	73.7	34.0	39.0	29.7	40.5	8.27	3.81	4.37	21.5	28.0	129	6
7	221	55.4	41.3	37.9	25.4	34.3	7.79	3.71	5.32	15.8	26.9	84.5	7
8	182	45.3	42.8	38.8	20.6	32.4	6.62	3.75	5.41	12.3	27.8	94.8	8
9	139	35.9	40.3	35.9	17.8	32.9	6.28	3.73	4.49	10.7	107	123	9
10	114	42.7	50.9	29.5	15.5	34.0	5.41	3.82	2.73	11.3	338	104	10
11	78.1	104	44.3	28.0	15.5	35.1	4.15	3.96	3.63	11.5	590	78.4	11
12	58.2	104	37.3	31.4	15.7	33.4	3.95	4.16	3.94	16.5	332	61.3	12
13	49.7	71.1	32.5	32.2	15.8	29.5	3.81	4.18	4.45	18.3	304	48.8	13
14	51.1	50.3	31.9	34.2	15.1	25.2	3.62	4.23	4.75	16.7	188	41.0	14
15	49.5	40.1	30.8	35.3	14.5	21.9	3.52	4.27	4.23	15.2	124	49.1	15
16	44.6	34.2	29.5	41.0	14.1	19.2	3.55	4.51	4.58	13.3	116	46.7	16
17	39.0	28.4	33.3	53.3	13.9	17.2	3.93	4.65	4.76	12.2	141	41.5	17
18	33.3	23.7	55.7	49.3	14.6	15.3	4.09	4.64	4.78	16.7	105	43.5	18
19	29.0	21.0	64.6	42.0	13.9	14.0	4.11	4.64	4.55	19.1	71.3	41.4	19
20	25.4	20.1	67.1	40.9	13.2	12.9	4.24	4.40	4.19	18.0	54.1	35.0	20
21	22.9	19.5	71.6	38.9	13.0	11.9	4.30	4.25	4.06	25.1	43.2	29.0	21
22	25.4	18.6	65.8	34.8	16.0	11.0	4.15	4.17	3.90	28.5	74.3	26.0	22
23	29.9	18.5	56.8	39.3	18.5	10.6	4.13	3.66	3.82	24.0	505	23.2	23
24	29.5	19.2	46.2	41.4	18.7	9.71	4.23	3.40	3.81	20.5	523	21.0	24
25	40.4	24.0	39.0	39.0	16.3	9.22	4.38	3.12	3.68	103	194	19.4	25
26	62.4	28.1	33.4	36.6	14.5	8.71	4.23	2.89	3.71	165	102	18.0	26
27	54.0	28.9	30.6	33.2	13.5	7.84	4.19	2.66	3.66	91.2	69.2	17.1	27
28	51.2	27.8	30.2	29.0	15.2	7.55	4.21	2.46	3.76	87.7	55.2	16.3	28
29	57.0		33.6	25.5	14.9	7.94	4.20	2.41	3.75	84.3	239	14.7	29
30	50.9		38.8	21.6	14.5	8.92	4.12	2.51	3.70	100	197	14.3	30
31	40.8		44.6		15.1		4.48	2.85		78.7		14.3	31
TOTAL	1 859.6	1 402.1	1 266.0	1 147.3	537.4	701.39	166.19	119.50	107.57	1 104.72	4 745.9	2 526.9	TOTAL
MEAN	60.0	50.1	40.8	38.2	17.3	23.4	5.36	3.85	3.59	35.6	158	81.5	MEAN
MAX	221	172	71.6	53.3	29.7	69.7	9.97	5.24	4.78	165	590	649	MAX
MIN	19.6	18.5	25.7	21.6	13.0	7.55	3.52	2.41	2.32	3.81	26.9	14.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.0
MAXIMUM DAILY, 649 ON DEC 04
MINIMUM DAILY, 2.32 ON SEP 07
MAXIMUM INSTANTANEOUS,
951 AT 19:06 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 123 53 13 W
DRAINAGE AREA, 684 km²

REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	161 000	JUL	14 400
FEB	121 000	AUG	10 300
MAR	109 000	SEP	9 290
APR	99 100	OCT	95 400
MAY	46 400	NOV	410 000
JUN	60 600	DEC	218 000

TOTAL DISCHARGE, 1 350 000 dam³

NANIKA RIVER AT OUTLET OF KIDPRICE LAKE - STATION NO. 08ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0	9.92	5.91	5.32	18.7	92.3	75.6	42.3	19.8	13.6	15.8	9.90E	1
2	27.3	9.90	5.86	5.38	21.4	93.0	70.1	38.6	18.8	13.5	15.0	9.70E	2
3	26.0	10.3	5.77	5.49	25.8	97.7	63.8	35.7	17.9	12.9	14.9	10.0 E	3
4	24.7	10.3	5.74	5.53	33.3	98.6	61.7	36.1	17.0	12.8	14.5	10.6 E	4
5	25.2	10.2	5.69	5.63	44.0	91.1	61.9	35.8	17.2	12.1	14.2	10.9 E	5
6	26.8	9.97	5.68	5.75	50.3	84.4	63.9	36.7	17.0	11.7	13.5	11.2 E	6
7	26.5	9.70	5.65	5.93	47.2	80.5	66.8	35.5	16.9	11.0	13.2	11.6 E	7
8	25.4	9.27	5.51	6.04	42.9	79.4	67.7	33.4	17.0	11.0	12.9	12.3 E	8
9	24.4	9.36	5.46	6.21	42.7	76.8	65.7	33.4	17.1	14.3	12.5	13.1 E	9
10	22.9	9.06	5.53	6.27	44.7	74.0	61.8	34.9	17.0	16.8	11.9	13.7 E	10
11	21.0	8.88	5.49	6.38	46.5	72.1	64.2	36.0	16.6	16.5	11.6	14.0 E	11
12	19.5	8.42	5.40	6.41	48.2	73.3	64.9	38.1	16.7	16.4	12.9	14.2 E	12
13	18.6	7.88	5.44	6.53	48.6	71.3	62.5	40.7	16.4	16.2	12.8	14.2 E	13
14	17.6	8.04	5.46	6.75	48.6	73.9	57.2	39.5	15.8	15.3	13.1	13.8 E	14
15	17.4	7.77	5.48	7.32	51.3	80.2	52.6	37.7	15.7	14.6	13.5	13.6 E	15
16	16.6	6.99	5.51	8.48	55.8	83.2	51.4	35.1	16.2	13.7	14.1	13.2 E	16
17	15.3	6.82	5.47	10.0	59.2	78.2	48.5	33.1	15.9	13.1	13.7	13.0 E	17
18	14.8	6.78	5.38	11.9	61.6	72.9	44.7	32.0	15.1	13.3	13.3	12.8 E	18
19	14.4	6.83	5.42	14.0	62.4	70.9	42.6	31.2	14.6	13.0	12.8	12.5 E	19
20	14.3	6.99	5.33	15.9	62.0	74.1	42.2	31.2	13.9	12.6	12.0	12.2 E	20
21	14.9	6.91	5.26	17.5	66.9	78.2	42.5	31.7	14.4	12.8	11.8	11.9 E	21
22	14.6	6.82	5.16	18.5	70.2	87.6	43.4	31.3	14.5	12.4	11.9	11.7 E	22
23	13.9	6.66	5.10	19.5	68.0	89.3	45.7	29.1	15.2	12.2	11.6	11.5 E	23
24	13.6	6.55	5.08	19.7	65.7	80.1	47.6	26.9	16.1	17.4	11.1	11.2 E	24
25	14.1	6.44	5.11	19.6	65.0	72.9	47.8	24.9	16.2	20.3	10.7	10.8 E	25
26	13.6	6.22	5.13	19.5	66.3	69.0	47.3	23.1	15.3	20.0	10.4	10.5 E	26
27	13.1	6.14	5.03	19.1	73.2	66.8	44.6	21.9	14.1	20.0	10.1	10.2 E	27
28	12.5	6.03	5.04	18.3	88.5	66.5	41.7	20.7	13.9	19.5	10.4	9.90E	28
29	11.8		5.03	17.5	95.8	69.0	39.8	20.5	14.2	18.3	10.6	9.70E	29
30	10.9		5.11	17.9	95.5	73.8	40.2	20.5	13.6	17.6	10.2A	9.40E	30
31	10.2		5.19		94.1		42.3	20.3		16.8		9.20E	31
TOTAL	571.9	225.15	167.42	338.32	1 764.4	2 371.1	1 672.7	987.9	480.1	461.7	377.0	362.50	TOTAL
MEAN	18.4	8.04	5.40	11.3	56.9	79.0	54.0	31.9	16.0	14.9	12.6	11.7	MEAN
MAX	30.0	10.3	5.91	19.7	95.8	98.6	75.6	42.3	19.8	20.3	15.8	14.2	MAX
MIN	10.2	6.03	5.03	5.32	18.7	66.5	39.8	20.3	13.6	11.0	10.1	9.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 98.6 ON JUN 04
MINIMUM DAILY, 5.03 ON MAR 27
MAXIMUM INSTANTANEOUS,
100 AT 03:00 PST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 50 N
LONG 127 27 10 W
DRAINAGE AREA, 741 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 400	JUL	145 000
FEB	19 500	AUG	85 400
MAR	14 500	SEP	41 500
APR	29 200	OCT	39 900
MAY	152 000	NOV	32 600
JUN	205 000	DEC	31 300

TOTAL DISCHARGE, 845 000 dam³

NARCOSLI CREEK BELOW RAMSEY CREEK - STATION NO. 08KE036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.70B	8.70	2.75	1.75	---	---	0.430	---	---	1
2	---	---	---	1.90B	8.85	2.36	1.78	---	---	0.423	---	---	2
3	---	---	---	2.10B	8.50	2.20	1.88	---	---	0.442	---	---	3
4	---	---	---	2.30B	7.88	2.71	2.70	---	---	0.669	---	---	4
5	---	---	---	2.53	6.87	4.01	3.17	---	---	0.705	---	---	5
6	---	---	---	2.70	5.93	5.59	3.17	---	---	0.629	---	---	6
7	---	---	---	3.53	5.08	4.88	2.99	---	---	0.638	---	---	7
8	---	---	---	4.20	4.70	4.20	2.85	---	---	0.669	---	---	8
9	---	---	---	4.29	3.93	4.14	2.92	---	---	0.669	---	---	9
10	---	---	---	4.92	3.75	3.86	3.65	---	---	0.687	---	---	10
11	---	---	---	5.02	4.05	5.49	4.17	---	---	---	---	---	11
12	---	---	---	4.65	4.18	9.72	3.17	---	---	---	---	---	12
13	---	---	---	5.40	3.88	11.4	2.04	---	---	---	---	---	13
14	---	---	---	7.08	3.36	11.3	1.53	---	---	---	---	---	14
15	---	---	---	8.88	2.97	10.2	1.28	---	---	---	---	---	15
16	---	---	---	12.2	2.74	7.88	1.15	---	---	---	---	---	16
17	---	---	---	16.1	2.87	5.83	1.05	---	---	---	---	---	17
18	---	---	---	16.9	3.01	4.28	0.980	---	---	---	---	---	18
19	---	---	---	16.6	3.36	3.52	0.915	---	---	---	---	---	19
20	---	---	---	17.7	3.69	3.55	0.874	---	---	---	---	---	20
21	---	---	---	17.3	3.40	3.26	0.810	---	---	---	---	---	21
22	---	---	---	16.1	3.06	2.85	0.749	---	---	---	---	---	22
23	---	---	---	16.1	3.26	2.53	0.713	---	---	---	---	---	23
24	---	---	---	18.0	3.15	2.11	---	---	---	---	---	---	24
25	---	---	---	16.6	2.89	1.82	---	---	---	---	---	---	25
26	---	---	---	14.7	3.05	1.65	---	---	0.419	---	---	---	26
27	---	---	---	13.5	3.13	1.53	---	---	0.415	---	---	---	27
28	---	---	---	12.6	2.82	1.44	---	---	0.423	---	---	---	28
29	---	---	---	11.4	2.69	1.42	---	---	0.438	---	---	---	29
30	---		---	9.80	3.01	1.75	---	---	0.430	---	---	---	30
31	---		---		3.14		---	---		---	---	---	31
TOTAL	---	---	---	286.80	131.90	130.23	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	9.56	4.25	4.34	---	---	---	---	---	---	MEAN
MAX	---	---	---	18.0	8.85	11.4	---	---	---	---	---	---	MAX
MIN	---	---	---	1.70	2.69	1.42	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 18.0 ON APR 24

MAXIMUM INSTANTANEOUS,
18.5 AT 12:36 PST ON APR 24

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 30 29 N
LONG 122 40 43 W
DRAINAGE AREA, 629 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	24 800	OCT	---
MAY	11 400	NOV	---
JUN	11 300	DEC	---

NASS RIVER ABOVE SHUMAL CREEK - STATION NO. 08DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	398	130	126 A	148	630	3 360	2 160	1 490	1 260	839	379	150B	1
2	357	128B	125	164	670	3 320	2 170	1 150	995	715	350	148B	2
3	322	126B	125	194	787	2 920	2 000	972	832	612	350	144B	3
4	297	123B	124	202	986	3 060	1 930	978	760	526	346	146B	4
5	280	121B	120	197	1 150	2 860	1 920	1 060	802	466	304	155B	5
6	278	119B	114	195	1 630	2 400	1 920	1 100	802	412	256	195B	6
7	278	117B	112	193	1 610	2 250	1 920	1 060	777	391	263	500B	7
8	278	116B	116	195	1 330	2 350	2 060	967	801	554	277	713	8
9	274	114B	121	186	1 280	2 390	2 010	1 010	730	770	267	544	9
10	264	112B	124	177	1 360	2 400	1 960	1 110	678	623	254	442	10
11	247	111B	130	174	1 430	2 490	2 180	1 270	619	520	245	376	11
12	232	110B	133	174	1 460	2 490	1 990	1 550	623	505	234	325	12
13	217	109B	135	189	1 390	2 460	1 810	1 710	654	544	255	297	13
14	202	108B	133	221	1 390	2 770	1 620	1 970	664	470	252	273	14
15	192	107B	129	281	1 510	2 930	1 430	1 820	631	417	224	234	15
16	180	106B	109	347	1 630	2 760	1 390	1 490	654	389	233	211	16
17	168	105B	99.7	410	1 700	2 370	1 290	1 320	578	360	230	200B	17
18	159	105B	101	495	1 790	2 060	1 170	1 260	560	345	228	186B	18
19	157	106B	107	558	1 720	2 000	1 210	1 200	580	330	231	179B	19
20	156	107B	136	667	1 590	2 040	1 290	1 220	547	308	215	171B	20
21	157	110	131	742	1 620	2 140	1 150	1 300	616	315	194	170B	21
22	155	115	113	790	1 760	2 760	1 470	1 170	747	315	181	169B	22
23	151	117	99.5	748	1 940	2 860	1 590	1 010	822	323	161B	168B	23
24	149	117	95.8	667	1 880	2 380	1 580	864	1 060	815	150B	165B	24
25	147	122	95.3	624	1 650	1 980	1 600	752	1 160	874	149B	163B	25
26	145	124	94.8	612	1 610	1 860	1 580	711	933	619	148B	162B	26
27	143	127	95.1	639	1 860	1 770	1 370	727	779	548	147B	160B	27
28	141	127	96.4	630	2 400	1 730	1 210	770	731	516	150B	159B	28
29	138		110	603	2 920	1 830	1 200	890	1 240	467	155B	158B	29
30	136		133	610	3 010	2 030	1 330	1 110	1 040	424	153B	156B	30
31	133		147		2 940		1 500	1 310		410		155B	31
TOTAL	6 531	3 239	3 630.8	12 032	50 633	73 020	51 310	36 321	23 542	15 702	6 916	7 374	TOTAL
MEAN	211	116	117	401	1 630	2 430	1 660	1 170	785	507	231	238	MEAN
MAX	398	130	147	790	3 010	3 360	2 180	1 970	1 260	874	379	713	MAX
MIN	133	105	94.8	148	630	1 730	1 170	711	547	308	147	144	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 795
MAXIMUM DAILY, 3 360 ON JUN 01
MINIMUM DAILY, 94.8 ON MAR 26
MAXIMUM INSTANTANEOUS,
3 590 AT 22:05 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 15 50 N
LONG 129 05 10 W
DRAINAGE AREA, 18 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	564 000	JUL	4 430 000
FEB	280 000	AUG	3 140 000
MAR	314 000	SEP	2 030 000
APR	1 040 000	OCT	1 360 000
MAY	4 370 000	NOV	598 000
JUN	6 310 000	DEC	637 000

TOTAL DISCHARGE, 25 100 000 dam³

NATHAN CREEK NEAR GLEN VALLEY - STATION NO. 08MH084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.414	2.407	0.112	0.079	0.435	0.087	---	---	1
2	---	---	---	---	0.406	0.355	0.156	0.079	0.395	0.077	---	---	2
3	---	---	---	---	0.357	2.01	0.130	0.079	0.379	0.107	---	---	3
4	---	---	---	---	0.335	3.03	0.124	0.079	0.077	2.18	---	---	4
5	---	---	---	---	0.300	1.43	0.124	0.078	0.076	0.585	---	---	5
6	---	---	---	---	0.279	1.25	0.124	0.078	0.075	0.275	---	---	6
7	---	---	---	---	0.258	2.43	0.142	0.078	0.074	0.184	4.47	---	7
8	---	---	---	---	0.223	1.46	0.112	0.076	0.075	0.105	---	---	8
9	---	---	---	---	0.216	1.31	0.097	0.077	0.076	0.092	---	---	9
10	---	---	---	---	0.206	1.63	0.095	0.077	0.075	0.278	---	---	10
11	---	---	---	---	0.265	1.47	0.091	0.079	0.075	0.201	---	---	11
12	---	---	---	---	0.265	0.894	0.086	0.077	0.074	0.678	---	---	12
13	---	---	---	---	0.261	0.705	0.084	0.076	0.074	0.341	---	---	13
14	---	---	---	---	0.247	0.546	0.086	0.076	0.076	0.268	---	---	14
15	---	---	---	---	0.230	0.426	0.084	0.077	0.076	0.261	---	---	15
16	---	---	---	---	0.202	0.358	0.084	0.077	0.119	0.184	---	---	16
17	---	---	---	---	0.202	0.322	0.084	0.076	0.089	0.204	---	---	17
18	---	---	---	---	0.292	0.322	0.084	0.088	0.081	0.384	---	---	18
19	---	---	---	---	0.229	0.262	0.084	0.080	0.078	0.260	---	---	19
20	---	---	---	---	0.215	0.217	0.082	0.077	0.078	0.197	---	---	20
21	---	---	---	---	0.243	0.131	0.080	0.077	0.077	1.39	---	---	21
22	---	---	---	---	0.250	0.128	0.079	0.088	0.077	0.818	---	---	22
23	---	---	---	---	0.229	0.106	0.079	0.079	0.077	0.463	---	---	23
24	---	---	---	---	0.222	0.102	0.084	0.079	0.076	0.479	---	---	24
25	---	---	---	---	0.208	0.102	0.080	0.077	0.078	0.391	---	---	25
26	---	---	---	---	0.204	0.098	0.082	0.077	0.076	0.619	---	---	26
27	---	---	---	0.590	0.194	0.095	0.079	0.076	0.076	0.463	---	---	27
28	---	---	---	---	0.190	0.101	0.079	0.075	0.076	0.495	---	---	28
29	---	---	---	---	0.194	0.099	0.079	0.084	0.076	0.511	---	---	29
30	---		---	---	0.194	0.112	0.079	0.085	0.076	2.22	---	---	30
31	---		---		0.483		0.079	0.384		0.853		---	31
TOTAL	---	---	---	---	8.013	21.908	2.944	2.744	3.324	15.840	---	---	TOTAL
MEAN	---	---	---	---	0.259	0.730	0.095	0.089	0.111	0.511	---	---	MEAN
MAX	---	---	---	---	0.483	3.03	0.156	0.384	0.435	2.22	---	---	MAX
MIN	---	---	---	---	0.190	0.095	0.079	0.075	0.074	0.077	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.47 ON NOV 07
MINIMUM DAILY, 0.074 ON SEP 07

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 08 04 N
LONG 122 28 15 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	254
FEB	---	AUG	237
MAR	---	SEP	287
APR	---	OCT	1 370
MAY	692	NOV	---
JUN	1 890	DEC	---

NATION RIVER NEAR FORT ST. JAMES - STATION NO. 07ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.0B	17.0B	13.9B	14.2B	39.5E	412	119	33.8	17.1 E	9.78	12.4	11.4 B	1
2	25.7B	16.9B	14.0B	14.2B	44.0E	415	115	32.7	16.9 E	9.76	11.5	11.5 B	2
3	25.2B	16.8B	14.0B	14.3B	52.2E	413	109	31.8	16.5 E	9.80	11.7	11.7 B	3
4	24.7B	16.8B	14.0B	14.7B	61.0E	406	104	30.9	15.9 E	10.1	11.9	11.9 B	4
5	24.5B	16.8B	13.9B	14.9B	70.0E	393	99.5	30.0	15.4 E	10.1	12.1	12.1 B	5
6	24.4B	16.7B	13.9B	15.2B	95.0E	373	95.4	29.9	14.9 E	9.66	12.3	12.2 B	6
7	24.4B	16.3B	13.9B	15.8B	102 E	351	91.8	28.5	14.5 E	10.2	13.1	12.2 B	7
8	24.4B	16.1B	13.7B	16.2B	103 E	332	87.7	27.1	14.4 E	10.5	13.1	12.1 B	8
9	24.2B	16.0B	13.6B	16.7B	102 E	327	83.9	26.2	14.1 E	10.6	12.9B	11.8 B	9
10	24.0B	16.0B	13.5B	17.0B	103 E	329	80.8	25.4	14.1 E	11.0	12.5B	11.6 B	10
11	23.5B	16.0B	13.4B	17.2B	105 E	327	77.8	23.9	13.8 E	10.7	12.3B	11.4 B	11
12	23.6B	15.8B	13.5B	17.5B	122 E	318	73.8	23.0	13.3 E	10.8	12.3B	11.3 B	12
13	23.9B	15.7B	13.6B	17.8B	140 E	302	71.1	21.9	12.9 E	10.7	12.4B	11.3 B	13
14	23.7B	15.3B	13.9B	18.3B	145 E	285	68.1	20.9	12.3 E	10.8	12.7B	11.2 B	14
15	22.2B	14.9B	13.9B	18.9B	146 E	268	64.3	20.8	12.0 E	10.6	12.8B	11.1 B	15
16	21.7B	14.4B	14.0B	19.6B	151 E	250	61.2	20.8	11.7 E	11.4	12.8B	10.9 B	16
17	21.1B	14.0B	14.1B	20.6B	161 E	235	58.9	20.6	11.6 E	10.9	12.8B	10.6 B	17
18	20.8B	13.[illegible]	14.2B	21.9B	176 E	220	56.3	20.3	11.6 E	11.6	12.8B	10.3 B	18
19	20.3B	13.4B	14.3B	23.0B	196 E	205	54.0	20.1	11.3 E	11.2	12.9B	10.2 B	19
20	20.2B	13.3B	14.7B	24.8B	228 E	194	51.4	20.1	11.2 E	11.1	12.8B	10.1 B	20
21	20.2B	13.2B	14.8B	26.2E	232 E	183	49.4A	19.8	11.1 E	11.4	12.6B	10.1 B	21
22	20.2B	13.2B	14.9B	28.0E	240 A	172	47.6E	19.9	10.9 E	11.3	12.3B	10.0 B	22
23	20.2B	13.2B	14.9B	29.3E	243	162	45.8E	19.6	10.6 E	11.5	12.1B	10.0 B	23
24	20.3B	13.3B	14.8B	30.0A	251	155	44.4	18.9	10.6 E	11.7	12.0B	10.0 B	24
25	20.1B	13.5B	14.7B	30.3	265	147	43.7	18.9	10.7 A	11.9	11.9B	9.90B	25
26	20.0B	13.6B	14.6B	32.1	281	140	43.2	18.9	10.2	12.2	11.8B	9.70B	26
27	19.6B	13.7B	14.5B	34.2A	305	134	41.1	18.3	10.2	11.9	11.8B	9.55B	27
28	18.7B	13.8B	14.4B	35.6E	336	131	39.2	17.6	9.73	12.8	11.7B	9.40B	28
29	18.2B		14.3B	35.6E	367	127	37.6	17.8	9.57	12.2	11.6B	9.32B	29
30	17.9B		14.3B	36.2E	394	124	36.0	18.0	9.41	11.8	11.5B	9.26B	30
31	17.3B		14.2B		410		34.9	17.7		12.8		9.22B	31
TOTAL	678.8	419.4	438.2	670.2	5 665.7	7 830	2 085.9	714.1	378.51	342.10	369.4	333.35	TOTAL
MEAN	21.9	15.0	14.1	22.3	183	261	67.3	23.0	12.6	11.0	12.3	10.8	MEAN
MAX	26.0	17.0	14.9	36.2	410	415	119	33.8	17.1	12.8	13.1	12.2	MAX
MIN	17.3	13.2	13.4	14.2	39.5	124	34.9	17.6	9.41	9.66	11.5	9.22	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.6
MAXIMUM DAILY, 415 ON JUN 02
MINIMUM DAILY, 9.22B ON DEC 31
MAXIMUM INSTANTANEOUS,
416 AT 07:14 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 00 N
LONG 124 14 00 W

DRAINAGE AREA, 4 350 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 600	JUL	180 000
FEB	36 200	AUG	61 700
MAR	37 900	SEP	32 700
APR	57 900	OCT	29 600
MAY	490 000	NOV	31 900
JUN	677 000	DEC	28 800

TOTAL DISCHARGE, 1 720 000 dam³

NATION RIVER NEAR THE MOUTH - STATION NO. 07ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.9B	19.9B	18.3B	19.5B	89.7	566	154	40.6	24.9	14.7	22.2B	17.2B	1
2	31.4B	19.8B	18.4B	19.7B	99.0	561	152	38.9	24.0	15.1	20.8B	17.6B	2
3	30.5B	19.8B	18.3B	20.1B	115	551	147	36.5	23.8	15.8	20.0B	18.1B	3
4	29.3B	19.7B	18.2B	20.9B	140	561	143	35.0	23.4	16.0	19.6B	18.9B	4
5	28.5B	19.6B	18.1B	21.8B	170	552	135	33.2	22.3	15.8	19.4B	19.8B	5
6	28.3B	19.4B	18.1B	23.3B	209	523	128	31.8	21.5	15.3	19.7B	20.2B	6
7	28.2B	19.3B	18.0B	24.4B	217	483	123	31.3	20.9	15.3	20.4B	20.3B	7
8	27.9B	18.9B	17.9B	25.2B	216	446	117	29.3	21.0	15.7	20.8B	20.2B	8
9	27.0B	18.6B	17.8B	25.7B	215	408	113	28.2	20.6	17.6	20.7B	20.0B	9
10	26.4B	18.5B	17.7B	25.8B	223	381	108	27.4	20.2	19.6	19.9B	19.7B	10
11	26.1B	18.3B	17.7B	26.0B	239	384	104	26.8	20.2	21.2	19.2B	19.4B	11
12	26.0B	18.6B	17.7B	26.7B	241	403	97.4	26.5	19.6	20.5	19.3B	19.3B	12
13	25.9B	18.7B	17.8B	27.6B	238	401	93.3	26.4	18.8	20.1	19.7B	19.2B	13
14	25.5B	18.8B	17.9B	29.2B	236	387	87.7	24.4	18.2	20.1	20.2B	19.1B	14
15	25.0B	18.6B	18.2B	30.8B	239	363	82.0	24.1	17.8	18.9	20.7B	19.1B	15
16	24.7B	18.3B	19.0B	32.5B	246	337	81.2	24.4	17.6	17.8	20.6B	18.9B	16
17	24.0B	18.0B	20.0B	35.3B	256	316	79.6	24.7	17.5	18.3	20.3B	18.4B	17
18	23.5B	17.9B	20.4B	37.6B	266	296	76.4	24.4	17.6	17.6B	20.2B	17.7B	18
19	23.2B	17.8B	20.8B	41.0B	278	279	71.5	24.6	16.5	17.9B	20.1B	16.9B	19
20	23.1B	17.8B	21.0B	46.9B	287	262	69.1	24.2	16.8	17.6B	19.8B	16.4B	20
21	23.1B	17.7B	21.1B	55.3B	297	245	65.9	23.7	16.3	17.9	19.2B	16.1B	21
22	23.1B	17.7B	21.2B	65.3B	301	230	62.2	24.3	16.1	18.8	18.8B	16.0B	22
23	23.1B	17.7B	21.1B	73.6	305	217	58.1	25.5	15.6	19.3	18.6B	15.9B	23
24	23.0B	17.8B	20.9B	80.6	310	204	55.7	25.2	15.8	19.4	18.2B	15.8B	24
25	22.9B	17.8B	20.6B	84.6	312	192	54.5	24.8	15.9	20.9	18.0B	15.7B	25
26	22.6B	17.9B	20.3B	87.0	329	184	52.4	23.3	15.7	22.3	18.0B	15.4B	26
27	21.9B	18.1B	20.1B	87.1	345	176	50.9	22.6	15.2	22.2	17.9B	14.9B	27
28	21.2B	18.2B	19.8B	84.6	359	168	47.2	22.7	14.5	23.4	17.9B	14.6B	28
29	20.8B		19.6B	82.0	380	161	44.9	22.5	14.3	24.0	17.8B	14.5B	29
30	20.2B		19.5B	82.6	444	155	42.8	22.0	14.7	23.4	17.4B	14.5B	30
31	20.0B		19.5B		519		41.7	23.9		22.7		14.5B	31
TOTAL	778.3	519.2	595.0	1 342.7	8 119.7	10 394	2 738.5	843.2	557.3	585.2	585.4	544.3	TOTAL
MEAN	25.1	18.5	19.2	44.8	262	346	88.3	27.2	18.6	18.9	19.5	17.6	MEAN
MAX	31.9	19.9	21.2	87.1	519	566	154	40.6	24.9	24.0	22.2	20.3	MAX
MIN	20.0	17.7	17.7	19.5	89.7	155	41.7	22.0	14.3	14.7	17.4	14.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 75.6
MAXIMUM DAILY, 566 ON JUN 01
MINIMUM DAILY, 14.3 ON SEP 29
MAXIMUM INSTANTANEOUS,
574 AT 12:55 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 26 06 N
LONG 123 36 58 W
DRAINAGE AREA, 6 720 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 200	JUL	237 000
FEB	44 900	AUG	72 900
MAR	51 400	SEP	48 200
APR	116 000	OCT	50 600
MAY	702 000	NOV	50 600
JUN	898 000	DEC	47 000

TOTAL DISCHARGE, 2 390 000 dam³

NAUTLEY RIVER NEAR FORT FRASER - STATION NO. 08JB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2	12.1B	11.8B	11.7	48.4	65.3	53.1	34.8	18.3	11.7	9.57	5.18B	1
2	13.2	12.4B	11.7B	12.2	50.2	65.2	52.6	33.3	17.8	11.7	9.15	5.40B	2
3	13.3	12.6B	11.6B	12.3	51.8	66.5	54.0	31.9	17.5	10.6	9.24	5.52B	3
4	13.3	12.5B	11.5B	12.5	52.5	68.1	54.7	31.5	17.3	11.0	9.15	5.66B	4
5	13.6	12.4B	11.5B	13.3	54.6	68.3	54.7	30.9	16.6	11.0	9.42	5.88B	5
6	13.7	12.5B	11.4B	13.9	55.4	69.2	54.7	30.9	16.5	10.5	8.56	6.20B	6
7	13.6	12.5B	11.3B	14.2	55.7	70.2	54.3	29.2	16.5	10.7	10.3	6.50B	7
8	13.6	12.4B	11.2B	15.1	57.8	68.9	53.8	28.8	16.3	10.9	8.79	6.68B	8
9	13.9	12.4B	11.2B	16.4	58.6	68.2	53.8	27.9	16.1	11.7	8.64	6.78B	9
10	12.9B	12.5B	11.3B	17.1	59.8	68.1	53.3	27.5	15.2	11.5	7.97	6.80B	10
11	12.8B	12.4B	11.4B	17.5	61.7	71.1	52.1	26.7	15.2	10.6	7.48	6.60B	11
12	12.8B	12.4B	11.3B	18.2	63.1	70.6	52.7	26.0	15.1	11.4	8.00	6.44B	12
13	12.9B	12.3B	11.3B	19.0	63.9	69.9	52.0	25.4	14.6	11.9	8.95	6.48B	13
14	12.9B	12.2B	11.2B	19.8	64.8	69.6	51.0	25.8	14.1	10.8	8.57	6.56B	14
15	13.0B	12.2B	11.2B	20.6	65.2	69.5	50.4	25.6	13.8	10.8	8.62	6.68B	15
16	12.9B	12.2B	11.3B	21.4	65.1	69.7	49.7	25.1	14.0	11.1	8.75	6.78B	16
17	12.9B	12.2B	11.5B	23.0	65.3	68.7	47.4	25.1	13.3	9.90	8.57	6.78B	17
18	12.9B	12.1B	11.4B	24.4	66.0	67.7	47.9	24.7	13.4	10.2 A	8.69	6.68B	18
19	13.0B	12.1B	11.2B	25.5	64.9	66.7	47.6	24.1	13.2	10.5 E	8.16	6.52B	19
20	13.0B	12.1B	11.4	26.0	64.1	66.8	46.2	23.7	12.7	9.80E	7.91	6.34B	20
21	13.0B	12.1B	11.5	26.7	64.6	65.3	44.8	23.3	12.3	9.95E	7.30B	6.28B	21
22	13.0B	12.1B	11.5	31.0	65.3	64.0	43.8	23.2	12.4	10.1 A	7.10B	6.34B	22
23	12.9B	12.1B	11.6	32.9	64.7	62.9	42.5	22.1	12.7	9.33	7.05B	6.44B	23
24	12.9B	12.1B	11.8	35.6	64.7	61.7	41.4	21.6	12.9	10.3	6.95B	6.52B	24
25	12.8B	12.1B	11.7	37.2	63.9	60.4	40.8	20.6	12.4	9.79	6.87B	6.58B	25
26	12.9B	12.0B	11.7	40.2	62.8	59.6	40.6	19.7	11.9	9.64	6.75B	6.48B	26
27	12.8B	11.9B	11.6	42.2	62.0	57.5	39.1	20.1	11.5	10.2	6.77B	6.95B	27
28	12.6B	11.9B	11.6	44.5	62.4	56.1	36.5	19.4	11.7	9.98	6.80B	6.00B	28
29	12.2B		11.5	45.7	64.0	54.8	35.7	18.5	11.4	9.39	5.50B	6.10B	29
30	12.1B		11.6	47.0	63.7	53.8	35.5	18.3	10.8	9.58	5.15B	6.50B	30
31	12.0B		11.6		64.7		35.4	18.4		9.92		6.60B	31
TOTAL	402.6	342.8	355.4	737.1	1 891.7	1 964.0	1 473.1	784.3	427.3	326.48	240.73	196.25	TOTAL
MEAN	13.0	12.2	11.5	24.6	61.0	65.5	47.5	25.3	14.2	10.5	8.02	6.33	MEAN
MAX	13.9	12.6	11.8	47.0	66.0	71.1	54.7	34.8	18.3	11.9	10.3	6.80	MAX
MIN	12.0	11.9	11.2	11.7	48.4	53.8	35.4	18.3	10.8	9.33	5.15	5.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.0
MAXIMUM DAILY, 71.1 ON JUN 11
MINIMUM DAILY, 5.15B ON NOV 30
MAXIMUM INSTANTANEOUS,
82.9 AT 16:40 PST ON MAY 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 07 N
LONG 124 35 58 W
DRAINAGE AREA, 6 030 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 800	JUL	127 000
FEB	29 600	AUG	67 800
MAR	30 700	SEP	36 900
APR	63 700	OCT	28 200
MAY	163 000	NOV	20 800
JUN	170 000	DEC	17 000

TOTAL DISCHARGE, 790 000 dam³

NAZKO RIVER ABOVE MICHELLE CREEK - STATION NO. 08KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22 B	0.940B	1.13B	1.62B	19.4	14.3	8.65	3.31	2.05	0.736	1.45	1.90B	1
2	1.22 B	0.980B	1.13B	1.91B	19.3	13.5	8.33	3.08	2.01	0.760	1.47	1.92B	2
3	1.20 B	1.02 B	1.11B	2.24B	19.1	12.8	9.00	3.03	1.97	0.990	1.46	1.93B	3
4	1.23 B	1.02 B	1.11B	2.72B	18.3	12.3	10.7	2.92	1.73	1.27	1.66	1.95B	4
5	1.25 B	1.01 B	1.11B	3.13B	17.1	12.6	11.1	2.74	1.54	1.56	1.54	1.98B	5
6	1.26 B	0.980B	1.12B	3.78B	15.5	12.6	10.6	2.51	1.40	1.66	1.24	1.99B	6
7	1.27 B	0.970B	1.12B	4.40B	14.1	13.0	10.9	2.35	1.26	1.66	1.78	1.99B	7
8	1.28 B	0.990B	1.11B	5.05B	13.1	13.4	10.8	2.02	1.19	1.67	1.58	1.98B	8
9	1.26 B	1.01 B	1.08B	5.60B	12.4	13.9	10.9	1.92	1.13	1.83	1.57	1.95B	9
10	1.23 B	1.03 B	1.08B	6.85B	12.4	14.5	10.7	1.86	1.07	2.04	1.52B	1.90B	10
11	1.20 B	1.01 B	1.10B	8.00B	13.3	19.9	9.81	1.71	1.04	2.12	1.50B	1.89B	11
12	1.16 B	0.960B	1.12B	9.50B	14.2	29.4	8.63	1.53	1.02	2.16	2.40B	1.90B	12
13	1.17 B	0.900B	1.15B	10.5 B	14.2	40.5	7.57	1.36	1.02	2.04	2.68B	1.91B	13
14	1.19 B	0.900B	1.18B	11.5	13.8	45.3	6.85	1.25	0.976	1.88	2.53B	1.92B	14
15	1.21 B	0.870B	1.20B	13.5	12.3	39.5	6.32	1.21	0.940	1.59	2.39B	1.93B	15
16	1.18 B	0.840B	1.22B	14.6	11.5	33.2	5.88	1.27	0.952	1.45	2.34B	1.94B	16
17	1.10 B	0.820B	1.24B	15.4	11.1	28.7	5.45	1.16	0.887	1.52	2.32B	1.92B	17
18	1.05 B	0.820B	1.25B	16.4	11.5	25.6	5.24	1.13	0.858	1.47	2.21B	1.88B	18
19	1.04 B	0.850B	1.24B	17.4	12.1	23.1	4.95	1.04	0.832	1.36	2.28B	1.81B	19
20	1.07 B	0.900B	1.22B	18.7	12.2	21.6	4.61	1.00	0.814	1.25	2.23B	1.76B	20
21	1.10 B	0.950B	1.20B	19.8	12.4	19.8	4.23	0.938	0.814	1.31	2.18B	1.74B	21
22	1.13 B	1.00 B	1.19B	20.4	12.8	17.2	3.91	0.870	0.787	1.20	2.17B	1.76B	22
23	1.15 B	1.04 B	1.18B	20.9	13.4	14.5	3.71	0.876	0.778	1.14	2.08B	1.78B	23
24	1.15 B	1.06 B	1.18B	20.9	14.4	12.2	3.65	0.876	0.769	1.09	2.03B	1.81B	24
25	1.13 B	1.07 B	1.17B	20.3	14.0	10.6	4.14	0.859	0.744	1.25	2.00B	1.84B	25
26	1.12 B	1.09 B	1.16B	26.1	13.3	9.84	3.89	0.844	0.736	1.45	2.01B	1.88B	26
27	1.15 B	1.10 B	1.15B	26.3	13.1	9.38	3.69	0.772	0.728	1.53	2.02B	1.85B	27
28	1.09 B	1.11 B	1.16B	25.4	12.5	8.89	3.38	0.711	0.720	2.18	2.03B	1.77B	28
29	1.04 B		1.17B	23.3	12.6	9.07	3.15	0.720	0.720	1.92	2.02B	1.76B	29
30	0.980B		1.21B	21.1	13.5	9.28	3.04	1.14	0.728	1.83	1.98B	1.77B	30
31	0.910B		1.36B		14.4		3.57	1.85		1.74		1.77B	31
TOTAL	35.660	27.240	36.15	406.10	432.8	560.46	207.23	49.086	32.113	47.656	59.03	58.08	TOTAL
MEAN	1.15	0.973	1.17	13.5	14.0	18.7	6.68	1.58	1.07	1.54	1.97	1.87	MEAN
MAX	1.28	1.11	1.36	26.3	19.4	45.3	11.1	3.31	2.05	2.18	2.68	1.99	MAX
MIN	0.910	0.820	1.08	1.62	11.1	8.89	3.02	0.711	0.720	0.736	1.24	1.74	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.35
MAXIMUM DAILY, 45.3 ON JUN 14
MINIMUM DAILY, 0.711 ON AUG 28
MAXIMUM INSTANTANEOUS,
46.6 AT 04:08 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 45 N
LONG 123 32 50 W
DRAINAGE AREA, 3 240 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 080	JUL	17 900
FEB	2 350	AUG	4 240
MAR	3 120	SEP	2 770
APR	35 100	OCT	4 120
MAY	37 400	NOV	5 100
JUN	48 400	DEC	5 020

TOTAL DISCHARGE, 169 000 dam³

NECHAKO RIVER AT ISLE PIERRE - STATION NO. 08JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108B	103B	102B	107B	462	359	485	588	234	141	111	82.8B	1
2	106B	102B	102B	112B	465	363	484	588	225	140	111	81.5B	2
3	104B	101B	102B	115B	465	367	486	584	221	140	109	80.2B	3
4	104B	101B	102B	118B	451	375	492	566	217	139	108	80.0B	4
5	103B	102B	102B	121B	431	384	493A	530	211	137	107	81.1B	5
6	104B	102B	103B	123B	413	390	494E	496	208	137	107	83.8B	6
7	105B	103B	103B	126B	396	397	497E	470	203	136	106	84.0B	7
8	106B	104B	102B	129B	381	401	500E	463	200	135	102 B	82.8B	8
9	106B	104B	102B	133B	373	404	503A	489	197	134	105 B	81.7B	9
10	105B	105B	102B	138B	364	411	500	511	192	134	100 B	80.4B	10
11	104B	105B	101B	147B	357	426	494	504	190	135	97.0B	80.2B	11
12	104B	106B	101B	149	351	447	492	499	186	134	72.0B	80.0B	12
13	103B	106B	101B	160	347	465	487	508	184	130	86.6B	80.1B	13
14	102B	105B	101B	183	342	480	485	507	181	130	91.5B	80.0B	14
15	102B	105B	101B	211	338	493	492	495	178	129	94.2B	80.2B	15
16	101B	104B	100B	242	335	497	504	471	176	126	94.0B	80.1B	16
17	101B	104B	100B	271E	334	497	517	442	173	125	90.0B	79.2B	17
18	102B	103B	101B	300E	332	494	527	418	171	124	86.8B	76.5B	18
19	103B	103B	101B	332E	332	491	535	401	168	121	84.8B	74.8B	19
20	104B	102B	101B	361A	330	490	542	381	167	123	82.6B	73.1B	20
21	105B	102B	102B	386	330	490	542	363	162	123	79.2B	73.0B	21
22	106B	102B	102B	412	330	489	545	347	160	120	74.4B	73.2B	22
23	106B	102B	102B	436	333	491	556	332	157	120	73.8B	74.1B	23
24	107B	102B	102B	451	333	488	580	314	154	117	81.0B	75.3B	24
25	107B	102B	102B	458	335	487	585	299	151	114	86.0B	76.0B	25
26	106B	102B	102B	462	337	486	584	286	150	116	88.5B	76.1B	26
27	106B	102B	102B	463	337	485	595	274	148	115	89.1B	75.8B	27
28	105B	102B	103B	463	339	485	598	263	145	115	86.5B	74.7B	28
29	105B		103B	462	343	485	594	255	142	116	87.0B	73.2B	29
30	104B		104B	462	350	485	591	247	140	114	85.8B	72.1B	30
31	103B		105B		353		590	241		112		72.0B	31
TOTAL	3 237	2 886	3 159	8 033	11 319	13 502	16 369	13 132	5 391	3 932	2 776.8	2 418.0	TOTAL
MEAN	104	103	102	268	365	450	528	424	180	127	92.6	78.0	MEAN
MAX	108	106	105	463	465	497	598	588	234	141	111	84.0	MAX
MIN	101	101	100	107	330	359	484	241	140	112	72.0	72.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 236
MAXIMUM DAILY, 598 ON JUL 28
MINIMUM DAILY, 72.0B ON NOV 12
MAXIMUM INSTANTANEOUS,
599 AT 03:52 PST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 37 N
LONG 123 14 01 W
DRAINAGE AREA, 42 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	280 000	JUL	1 410 000
FEB	249 000	AUG	1 130 000
MAR	273 000	SEP	466 000
APR	694 000	OCT	340 000
MAY	978 000	NOV	240 000
JUN	1 170 000	DEC	209 000

TOTAL DISCHARGE, 7 440 000 dam³

NECHAKO RIVER AT VANDERHOOF - STATION NO. 08JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.4B	49.8B	52.4B	53.0B	327	141	131E	311	72.6	43.2	42.6	38.0B	1
2	51.0B	49.8B	52.4B	53.6B	330	140	131E	311	69.1	44.5	42.3	37.2B	2
3	51.5B	50.0B	52.4B	54.3B	322	140	132E	307	66.4	43.1	42.6	37.2B	3
4	51.7B	50.6B	52.3B	55.4B	300	143	133E	282	63.4	43.0	42.5	37.4B	4
5	52.4B	51.0B	52.3B	56.8B	276	143	134E	254	61.1	44.5	42.4A	37.6B	5
6	52.8B	51.4B	52.2B	58.8B	256	143	134E	227	59.6	44.8	42.4E	38.4B	6
7	52.8B	51.8B	52.1B	60.7B	241	141	137E	214	58.5	44.8	42.3E	39.2B	7
8	52.6B	52.0B	52.0B	63.0B	229	141	140E	233	57.4	45.1	42.2E	39.5B	8
9	52.5B	52.0B	51.9B	65.6B	218	140	141E	267	56.4	45.0	42.2E	39.4B	9
10	52.3B	52.1B	51.6B	69.0B	208	140	141E	278	55.3	45.5	42.2E	38.6B	10
11	52.0B	52.1B	51.4B	73.3	200	144	141E	264	54.5	45.2	42.0B	38.2B	11
12	51.8B	52.0B	51.2B	78.5	193	150	141A	278	53.9	44.6	41.5B	38.0B	12
13	51.8B	51.8B	51.2B	93.1	187	156	141	290	52.8	44.6	41.3B	37.9B	13
14	51.8B	51.5B	51.2B	114	181	165	143A	286	51.7	44.3	41.4B	37.4E	14
15	51.7B	51.0B	51.2B	138	177	170	152E	261	50.6	43.7	41.4B	37.7B	15
16	51.5B	50.6B	51.5B	159	171	167	168E	236	50.2	43.4	41.3B	37.5B	16
17	51.0B	50.2B	51.8B	179	167	162	188E	213	49.6	43.4	41.2B	36.8B	17
18	51.0B	50.0B	52.0B	200	163	157	203E	199	49.4	43.0	41.0B	35.8B	18
19	51.0B	49.9B	52.2B	219	161	153	218E	186	49.0	42.8	40.8B	35.3B	19
20	51.0B	49.8B	52.4B	238	157	150	226E	171	47.5	42.9	40.4B	35.0B	20
21	51.4B	50.0B	52.2B	251	154	146	236E	156	47.3	43.9	39.9B	35.0B	21
22	51.8B	50.2B	51.4B	270	152	143	256E	146	46.8	43.1	39.4B	35.1B	22
23	52.0B	50.7B	50.8B	286	150	140	276E	137	46.7	42.3	38.9B	36.2B	23
24	52.0B	51.2B	50.2B	300	147	137	282E	124	46.5	42.4	38.4B	36.8B	24
25	52.0B	51.6B	50.2B	309	145	135	277A	114	45.9	43.0	38.2B	37.0B	25
26	51.8B	52.0B	50.4B	315	144	133E	292	105	45.0	43.2	38.3B	36.7B	26
27	51.7B	52.1B	50.6B	318	142	132E	302	97.8	44.4	43.2	39.0B	36.0B	27
28	51.6B	52.2B	51.0B	321	140	131E	304	91.5	43.9	43.8	39.7B	34.6B	28
29	51.2B		51.4B	324	142	131E	307	85.2	43.9	43.3	39.8B	33.2B	29
30	50.8B		51.8B	325	141	131E	309	80.1	43.0	42.8	38.9B	33.4B	30
31	50.0B		52.4B		141		311	76.5		42.6		34.0B	31
TOTAL	1 600.9	1 429.4	1 600.1	5 101.1	6 062	4 345	6 227	6 281.1	1 581.9	1 356.0	1 226.5	1 140.8	TOTAL
MEAN	51.6	51.1	51.6	170	196	145	201	203	52.7	43.7	40.9	36.8	MEAN
MAX	52.8	52.2	52.4	325	330	170	311	311	69.1	45.5	42.6	39.5	MAX
MIN	50.0	49.8	50.2	53.0	140	131	131	76.5	43.0	42.3	38.2	33.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 104
MAXIMUM DAILY, 330 ON MAY 02
MINIMUM DAILY, 33.2B ON DEC 29
MAXIMUM INSTANTANEOUS,
332 AT 15:06 PST ON MAY 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 34 N
LONG 124 00 28 W
DRAINAGE AREA, 25 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	538 000
FEB	124 000	AUG	543 000
MAR	138 000	SEP	137 000
APR	441 000	OCT	117 000
MAY	524 000	NOV	106 000
JUN	375 000	DEC	98 600

TOTAL DISCHARGE, 3 280 000 dam³

NECHAKO RIVER BELOW CHESLATTA FALLS - STATION NO. 08JA017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.4	34.3B	33.9	34.2	263	62.9	52.9	288	39.8	28.1	29.5	29.6	1
2	34.4	34.4B	33.9	34.5	249	61.7	52.7	271	38.0	28.6	29.4	29.7	2
3	34.5	34.5B	33.6	34.5	223	61.2	53.2	247	36.6	28.9	29.3	29.9	3
4	34.5	34.6B	33.5	34.5	199	61.5	53.3	204	35.5	28.5	30.0	30.4	4
5	34.7	34.7B	33.7	34.9	178	61.1	53.4	178	35.2	29.0	30.2	30.6	5
6	34.3	34.6B	33.8	35.5	161	60.6	54.6	182	34.4	29.2	30.0	30.6	6
7	34.1	34.5B	33.7	36.0	148	59.9	56.1	226	33.9	29.3	29.5	30.4	7
8	34.5	34.5B	34.0	41.4	135	59.3	56.8	257	33.2	29.6	29.9	30.4	8
9	34.3	34.7B	33.5	44.5	125	58.6	56.7	247	32.3	30.0	29.6	30.3	9
10	34.8	34.5	33.5	48.7	117	58.5	56.0	242	32.3	30.0	29.9	30.3	10
11	34.5	34.4B	33.7	57.9	111	59.0	55.6	262	32.0	29.4	29.6	30.1	11
12	34.5	34.3B	33.5	75.2	104	59.0	55.7	268	31.8	29.7	29.8	29.7	12
13	34.4	34.2B	33.4	97.0	99.3	57.9	55.8	254	31.4	29.8	30.2	29.7	13
14	34.6	34.3B	33.3	118	94.6	57.0	56.5	232	30.8	29.9	30.1	29.9	14
15	34.4	34.3B	33.4	139	89.9	56.7	112	193	30.3	29.7	29.9	30.2	15
16	34.7	34.2B	33.5	160	86.4	56.4	129	172	30.7	29.4	29.8	29.8	16
17	35.4	34.2B	33.7	177	83.5	55.8	143	159	30.7	29.6	30.3	30.6	17
18	34.8	34.3B	33.9	191	80.6	55.0	158	140	30.4	29.5	30.2	29.9E	18
19	34.7	34.4B	33.5	205	77.8	54.6	168	123	30.3	29.0	30.2	29.5E	19
20	34.6	34.5B	33.1	216	74.9	54.2	171	111	29.9	29.2	30.2	29.1E	20
21	34.5	34.5B	33.4	225	73.5	53.6	193	100	29.8	29.0	29.8	28.8B	21
22	34.7	34.5B	33.7	234	72.3	53.5	237	90.2	29.2	29.0	30.0	28.7B	22
23	34.2	34.5	33.6	242	70.9	52.7	247	81.2	28.5	29.0	30.3	28.5B	23
24	34.5	34.2	33.4	247	69.5	52.0	243	73.2	28.5	28.9	30.3	28.3B	24
25	34.6	34.2	34.0	251	67.8	52.0	264	66.9	28.7	29.6	30.2	28.1B	25
26	34.6	34.2	33.9	255	66.5	51.6	271	61.5	28.8	29.8	29.9	28.0B	26
27	34.4	34.2	33.8	260	65.2	52.1	274	56.2	28.4	30.0	29.7	28.0B	27
28	34.4	33.7	34.1	261	64.7	52.0	277	51.2	28.3	30.3	29.9	27.9B	28
29	34.4B		34.3	263	64.6	52.1	281	48.2	28.5	29.9	30.6	27.8B	29
30	34.4B		34.2	264	64.1	52.0	283	44.8	28.5	29.8	29.9	27.5B	30
31	34.3B		34.2		63.8		287	41.9		30.2		27.2B	31
TOTAL	1 070.1	962.4	1 044.7	4 318.8	3 442.9	1 694.2	4 569.3	4 952.0	946.6	909.4	899.0	909.5	TOTAL
MEAN	34.5	34.4	33.7	144	111	56.5	147	160	31.6	29.3	30.0	29.3	MEAN
MAX	35.4	34.7	34.3	264	263	62.9	287	288	39.8	30.3	30.6	30.6	MAX
MIN	34.1	33.7	33.1	34.2	63.8	51.6	52.7	41.9	28.2	27.9	29.4	27.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.5
MAXIMUM DAILY, 288 ON AUG 01
MINIMUM DAILY, 27.2B ON DEC 31
MAXIMUM INSTANTANEOUS,
289 AT 18:03 PST ON AUG 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 02 N
LONG 124 50 08 W
DRAINAGE AREA, 15 600 km²
B - ICE CONDITIONS
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	92 500	JUL	395 000
FEB	83 200	AUG	428 000
MAR	90 300	SEP	81 800
APR	373 000	OCT	78 600
MAY	297 000	NOV	77 700
JUN	146 000	DEC	78 600

TOTAL DISCHARGE, 2 220 000 dam³

NICOLA LAKE NEAR NICOLA - STATION NO. 08LG046

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.284A	2.206	2.190	2.149	2.745	3.449	3.233	2.791	2.516	2.220	2.027	---	1
2	2.267A	2.202	2.192	2.116	2.782	3.490	3.183	2.786	2.508	2.213	2.030	---	2
3	2.246A	2.196	2.191	2.137	2.806	3.523	3.180	2.790	2.511	2.223	2.026	1.930A	3
4	2.247A	2.196	2.189	2.144	2.840	3.524	3.180	2.787	2.502	2.187	2.012	1.913	4
5	2.251A	2.191	2.182	2.143	2.856	3.544	3.168	2.775	2.486	2.208	2.000	1.909	5
6	2.268A	2.191	2.186	2.148	2.875	3.554	3.160	2.742	2.473	2.203	2.006	1.926	6
7	2.277A	2.186	2.188	2.136	2.918	3.544	3.170	2.746	2.470	2.191	1.979	1.930	7
8	2.251A	2.184	2.184	2.149	2.946	3.560	3.159	2.740	2.459	2.178	1.958	1.921	8
9	2.267A	2.169	2.201	2.171	2.970	3.553	3.146	2.732	2.448	2.163	1.987	1.931	9
10	2.248A	2.166	2.177	2.199	2.992	3.519	3.145	2.724	2.442	2.173	1.985	1.938	10
11	2.264A	2.186	2.176	2.194	3.013	3.495	3.132	2.712	2.420	2.170	1.957	1.935	11
12	2.261	2.208	2.174	2.200	3.050	3.497	3.107	2.700	2.408	2.134	1.983	1.943	12
13	2.260	2.209	2.180	2.220	3.083	3.488A	3.093	2.685	2.409	2.134	1.962	---	13
14	2.261	2.207	2.170	2.243	3.109	3.496A	3.077	2.667	2.401	2.153	1.974	---	14
15	2.259	2.207	2.181	2.261	3.127	3.504A	3.047	2.643	2.378	2.144	1.965	---	15
16	2.253	2.207	2.188	2.285	3.157	3.537A	3.012	2.638	2.369	2.135	1.970	---	16
17	2.254	2.203	2.184	2.284	3.150	3.559A	2.999	2.628	2.363	2.141	1.955	---	17
18	2.249A	2.205	2.182	2.302	3.154	3.590A	2.977	2.622	2.356	2.119	1.947	1.916A	18
19	2.245A	2.202	2.176	2.340A	3.166	3.560	2.958	2.621	2.344	2.114	1.954	---	19
20	2.245A	2.195	2.173	2.344A	3.163	3.570	2.937	2.611	2.341	2.114	1.938	---	20
21	2.236A	2.185	2.179	2.361A	3.177	3.555	2.932	2.604	2.334	2.097	1.938	---	21
22	2.229A	2.189	2.179	2.418A	3.176	3.530	2.912	2.557	2.334	2.088	1.901	---	22
23	2.225	2.187	2.182	2.460A	3.178	3.483	2.905	2.582	2.313	2.104	1.873	---	23
24	2.225	2.186	2.171	2.461A	3.184	3.448	2.888	2.574	2.310	2.092	1.949	---	24
25	2.221	2.191	2.173	2.523A	3.178A	3.410	2.872	2.571	2.307	2.067	1.945A	---	25
26	2.217	2.191	2.166	2.540A	3.216A	3.379	2.842	2.570	2.302	2.068	---	---	26
27	2.215	2.192	2.167	2.614	3.249A	3.363	2.859	2.549	2.292	2.073	---	---	27
28	2.208	2.188	2.168	2.656	3.303A	3.343	2.856	2.540	2.284	2.053	1.930A	---	28
29	2.205		2.154	2.687	3.322A	3.321	2.843	2.536	2.266	2.059	1.930A	---	29
30	2.211		2.142	2.717	3.406A	3.271	2.846	2.518	2.266	2.036	---	---	30
31	2.209		2.154		3.431		2.818	2.513		2.031		---	31
MEAN	2.244	2.194	2.177	2.320	3.088	3.489	3.021	2.653	2.387	2.132	---	---	MEAN
MAX	2.284	2.209	2.201	2.717	3.431	3.590	3.233	2.791	2.516	2.223	---	---	MAX
MIN	2.205	2.166	2.142	2.118	2.745	3.271	2.818	2.513	2.266	2.031	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.590A ON JUN 18

MAXIMUM INSTANTANEOUS,
3.609 AT 18:05 PST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 40 N
LONG 120 39 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 622.764 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NICOLA RIVER ABOVE NICOLA LAKE - STATION NO. 08LG049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.72	0.834B	1.29	1.34	10.1	28.4	13.0	1.99	1.37	0.369	0.279	0.636	1
2	1.79	0.820B	1.27	1.38	10.2	30.2	11.7	1.80	1.31	0.292	0.290	0.736	2
3	1.66	0.800B	1.27	1.50	10.2	32.1	10.5	1.79	1.26	0.257	0.299	0.721	3
4	1.65	0.840B	1.24	1.69	10.2	32.1	9.45	1.65	1.15	0.297	0.283	0.709	4
5	1.69	0.880B	1.22	1.98	11.1	33.7	8.90	1.54	1.12	0.277	0.303	0.657	5
6	1.65	0.890B	1.22	2.28	11.5	33.1	8.98	1.45	1.03	0.256	0.328	0.669	6
7	1.62	0.860B	1.28	2.76	12.1	31.6	9.26	1.38	0.988	0.281	0.290	0.672	7
8	1.53	0.840B	1.29	3.43	12.5	29.3	8.38	1.34	0.973	0.278	0.289	0.689	8
9	1.51	0.900B	1.20	4.13	12.0	28.5	8.19	1.31	0.953	0.264	0.322	0.739	9
10	1.34	0.920B	1.17	4.68	11.3	27.3	8.00	1.28	0.921	0.319	0.375	0.742	10
11	1.32 B	0.920B	1.13	4.90	10.9	27.0	8.26	1.21	0.950	0.329	0.365	0.760	11
12	1.28 B	0.900B	1.13	5.00	11.0	28.1	7.63	1.12	0.866	0.331	0.379	0.782	12
13	1.23 B	0.870B	1.11	5.23	11.4	30.4	6.75	1.14	0.831	0.309	0.386	0.820B	13
14	1.22	0.840B	1.11	5.54	11.7	34.7	6.27	1.16	0.790	0.296	0.401	0.880B	14
15	1.20	0.800B	1.10	5.87	11.8	36.2	5.75	1.22	0.729	0.282	0.423	0.920B	15
16	1.18	0.770B	1.09	6.46	11.9	35.2	5.33	1.21	0.701	0.267	0.457	0.980B	16
17	1.16	0.740B	1.06	6.92	12.0	33.9	4.92	1.18	0.703	0.278	0.477	1.02 B	17
18	1.12 B	0.730B	1.08	7.71	11.7	34.2	4.88	1.20	0.646	0.276	0.507	0.940B	18
19	1.08 B	0.740B	1.08	9.26	12.0	33.7	4.97	1.18	0.569	0.267	0.512	0.800B	19
20	1.05 B	0.780B	1.11	10.3	11.8	29.5	4.66	1.25	0.570	0.267	0.531	0.720B	20
21	1.00 B	0.840B	1.11	11.4	12.2	28.0	4.00	1.28	0.488	0.285	0.525	0.690B	21
22	1.02 B	0.880B	1.08	12.0	12.7	26.6	3.64	1.19	0.453	0.267	0.522	0.680B	22
23	1.06 B	0.940B	1.08	12.4	12.9	24.9	3.57	1.19	0.445	0.247	0.509	0.690B	23
24	1.12 B	0.990B	1.13	12.9	13.9	24.0	3.38	1.22	0.439	0.288	0.585	0.700B	24
25	1.15 B	1.05 B	1.10	13.9	16.9	22.5	3.10	1.34	0.409	0.257	0.681	0.700B	25
26	1.12 B	1.16 B	1.13	13.3	20.2	20.4	2.83	1.48	0.410	0.235	0.800B	0.690B	26
27	1.06 B	1.25 B	1.13	12.5	22.8	16.3	2.80	1.40	0.408	0.258	0.750B	0.640B	27
28	1.02 B	1.27 B	1.16	11.9	24.1	14.9	2.77	1.37	0.390	0.292	0.710B	0.600B	28
29	0.960B		1.15	11.5	25.5	14.0	2.55	1.45	0.370	0.253	0.680B	0.580B	29
30	0.920B		1.22	10.8	27.2	13.7	2.39	1.44	0.348	0.260	0.660B	0.590B	30
31	0.870B		1.26		28.0		2.34	1.39		0.265		0.600B	31
TOTAL	39.320	25.054	36.04	215.04	443.2	834.5	189.15	42.15	22.590	8.699	13.918	22.754	TOTAL
MEAN	1.27	0.895	1.16	7.17	14.3	27.8	6.10	1.36	0.753	0.281	0.464	0.734	MEAN
MAX	1.79	1.27	1.29	13.9	28.0	36.2	13.0	1.99	1.37	0.369	0.800	1.02	MAX
MIN	0.870	0.730	1.06	1.34	10.1	13.7	2.34	1.12	0.348	0.235	0.279	0.580	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.18
MAXIMUM DAILY, 36.2 ON JUN 15
MINIMUM DAILY, 0.235 ON OCT 26
MAXIMUM INSTANTANEOUS,
37.6 AT 11:40 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 32 N
LONG 120 24 28 W

DRAINAGE AREA, 1 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 400	JUL	16 300
FEB	2 160	AUG	3 640
MAR	3 110	SEP	1 950
APR	18 600	OCT	752
MAY	38 300	NOV	1 200
JUN	72 100	DEC	1 970

TOTAL DISCHARGE, 163 000 dam³

NICOLA RIVER AT OUTLET OF NICOLA LAKE - STATION NO. 08LG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.17	2.18A	2.16	2.05	3.74	29.9	26.4	3.25	2.80	1.75	1.70	1.62	1
2	2.16	2.20	2.15	2.01	3.79	31.1	25.9	3.21	3.00	1.79	1.73	1.63	2
3	2.19	2.19	2.16	2.01	3.85	33.0	18.5	3.20	2.95	1.85	1.74	1.66	3
4	2.25	2.17	2.20	2.05	3.91	36.0	13.7	3.29	2.98	1.83	1.69	1.65	4
5	2.23	2.13	2.18	2.06	3.93	40.1	13.4	3.24	2.80	1.78	1.72	1.64	5
6	2.20	2.14	2.26	2.08	3.97	41.4	13.5	3.10	2.71	1.74	1.66	1.61	6
7	2.17	2.10	2.17	2.04	4.01	38.8	13.6	3.17	2.74	1.76	1.68	1.58	7
8	2.25	2.15	2.10	2.06	4.94	39.5	13.6	3.19	2.78	1.78	1.71	1.61	8
9	2.21	2.14	2.13	2.11	9.04	40.0	13.4	3.13	2.75	1.79	1.67	1.59	9
10	2.18A	2.11	2.09	2.13	8.95	40.2	13.4	3.14	2.68	1.77	1.71	1.60	10
11	2.12A	2.15	2.10	2.13	5.67	40.5	13.2	3.12	2.69	1.81	1.66	1.59	11
12	2.14A	2.16	2.09	2.16	4.14	42.1	13.0	3.07	2.66	1.79	1.60	1.61	12
13	2.14A	2.15	2.07	2.21	4.23	42.8	13.1	3.09	2.64	1.78	1.61	1.61	13
14	2.17A	2.17	2.08	2.23	6.66	42.9	13.1	3.02	2.61	1.78	1.63	1.60	14
15	2.12A	2.07	2.16	2.27	8.72	43.0	12.9	2.93	2.57	1.76	1.62	1.61	15
16	2.16A	2.14	2.16	2.28	10.5	42.4	12.7	2.93	2.55	1.75	1.58	1.64	16
17	2.16A	2.12E	2.14	2.55	14.2	43.4	12.5	2.93	2.49	1.74	1.56	1.61	17
18	2.16A	2.11E	2.06	3.20	14.1	43.2	12.8	2.98	48	1.72	1.57	1.61A	18
19	2.15A	2.12E	2.11	3.16	14.3	42.8	12.8	2.92	58	1.71	1.60	1.61A	19
20	2.16A	2.14E	2.11	3.20	14.1	43.0	11.1	2.87	1.93	1.71	1.60	1.61E	20
21	2.15A	2.16E	2.06	3.23	14.2	43.5	6.55	2.88	1.91	1.72	1.59	1.59E	21
22	2.16A	2.17A	2.04	3.29	14.3	42.3	6.48	2.83	1.88	1.71	1.59	1.57E	22
23	2.16A	2.15	2.07	3.30	14.1	41.4	6.39	2.79	1.85	1.68	1.58	1.55E	23
24	2.17A	2.16	2.05	3.40	15.0	40.7	6.45	2.73	1.89	1.70	1.60	1.53E	24
25	2.16A	2.16	2.05	3.45	16.5	37.4	5.34	2.76	1.93	1.70	1.61	1.51E	25
26	2.15A	2.17	2.09	3.48	16.6	32.8	4.78	2.71	1.90	1.72	1.57	1.44E	26
27	2.12A	2.17	2.08	3.49	17.0	29.3	4.85	2.70	1.84	1.72	1.60	1.42E	27
28	2.15A	2.18	2.08	3.73	19.1	26.9	4.90	2.77	1.79	1.68	1.63	1.40E	28
29	2.14A		2.04	3.69	25.2	27.1	4.86	2.74	1.80	1.71	1.62	1.38E	29
30	2.12A		2.05	3.65	26.3	26.7	4.84	2.81	1.78	1.68	1.63	1.37E	30
31	2.11A		2.05		27.1		4.63	2.94		1.68		1.37E	31
TOTAL	67.08	60.16	65.36	80.70	352.15	1 143.9	352.67	92.44	71.66	54.08	49.06	48.42	TOTAL
MEAN	2.16	2.15	2.11	2.69	11.4	38.1	11.4	2.98	2.39	1.74	1.64	1.56	MEAN
MAX	2.25	2.20	2.26	3.73	27.1	43.5	26.4	3.29	3.00	1.85	1.74	1.66	MAX
MIN	2.11	2.07	2.04	2.01	3.74	26.7	4.63	2.70	1.78	1.68	1.56	1.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.68
MAXIMUM DAILY, 43.5 ON JUN 21
MINIMUM DAILY, 1.37E ON DEC 30
MAXIMUM INSTANTANEOUS,
45.4 AT 12:39 PST ON JUN 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 52 N
LONG 120 39 51 W
DRAINAGE AREA, 2 990 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 800	JUL	30 500
FEB	5 200	AUG	7 990
MAR	5 650	SEP	6 190
APR	6 970	OCT	4 670
MAY	30 400	NOV	4 240
JUN	98 800	DEC	4 180

TOTAL DISCHARGE, 211 000 dam³

NICOLA RIVER NEAR MERRITT - STATION NO. 08LG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.78	2.80B	4.67	8.81	16.3	59.8	42.9	6.27	5.92	3.04	9.64	16.1	1
2	5.32	2.85B	4.57	10.7	16.4	58.2	41.8	5.55	5.97	2.98	8.69	14.8	2
3	5.68	2.90B	4.52	13.4	16.9	62.1	41.4	5.24	5.51	3.16	8.08	14.0	3
4	5.88	3.00B	4.86	13.8	19.0	70.2	29.9	5.14	5.11	12.3	7.83	18.1	4
5	5.58	3.15B	4.82	13.9	26.4	68.5	27.1	4.96	5.11	28.2	7.84	20.7	5
6	6.25	3.30B	4.93	14.4	37.9	69.4	29.9	4.80	4.93	12.6	7.11	17.3	6
7	6.92	3.40B	4.98	15.1	30.3	70.8	34.2	4.68	4.59	9.07	6.69	15.5	7
8	6.93	3.50B	4.93	16.7	25.0	66.9	31.0	4.57	4.32	7.50	6.40	14.3	8
9	6.62	3.65B	4.82	16.4	25.2	64.9	28.6	4.43	4.14	6.72	8.18	14.2	9
10	6.46	3.85B	4.91	14.9	25.8	75.8	27.3	4.23	4.08	8.03	59.3	14.0	10
11	5.05	4.40B	4.86	14.1	26.2	71.1	25.8	4.21	4.04	9.49	111	13.5	11
12	4.85B	4.40B	4.68	14.4	24.3	69.1	25.1	4.18	4.05	8.12	58.3	12.7	12
13	5.10B	4.20B	4.64	15.5	24.8	73.5	24.0	4.04	4.12	7.92	58.4	11.8	13
14	5.50B	4.00B	4.63	15.6	24.1	74.4	21.9	4.12	4.19	7.56	46.9	11.3	14
15	5.75	3.60B	4.60	17.1	27.2	76.2	20.4	4.34	4.14	6.91	29.8	10.8	15
16	5.56	3.30B	4.61	19.8	27.5	83.1	19.1	4.16	4.33	6.54	23.1	9.89	16
17	4.80B	2.50B	4.86	23.9	32.3	80.2	18.0	4.02	4.60	6.29	20.3	9.53	17
18	3.80B	2.50B	5.21	26.9	33.1	81.2	16.9	4.07	4.77	6.00	17.7	6.00B	18
19	3.75B	2.55B	5.57	27.4	33.7	78.6	16.3	4.23	4.47	6.00	15.8	3.95B	19
20	3.75B	2.60B	5.87	29.0	34.5	75.2	15.8	4.29	3.77	5.93	14.5	3.60B	20
21	3.90B	2.75B	6.32	32.7	34.3	74.4	11.9	4.57	3.51	5.64	13.2	3.30B	21
22	4.30B	3.00B	6.36	32.2	34.7	76.2	10.4	4.62	3.41	6.50	12.1	3.35B	22
23	4.75B	3.30B	6.10	30.4	36.2	73.5	9.98	4.49	3.28	6.69	11.4	3.45B	23
24	5.10	3.70B	5.70	30.1	36.1	69.4	9.73	4.66	3.16	6.28	64.2	3.60B	24
25	5.11	4.10B	5.63	26.4	38.9	64.0	9.68	4.94	3.16	6.26	36.2	3.70B	25
26	4.71	4.50B	5.65	23.0	41.0	56.7	9.03	4.86	3.09	27.0	24.4	3.70B	26
27	4.62	4.86	5.71	20.5	42.2	50.4	8.88	4.64	2.93	17.2	21.0	3.60B	27
28	4.65B	4.67	5.88	19.9	48.1	47.2	8.25	4.63	3.00	16.2	19.3	3.30B	28
29	4.70B		6.18	17.9	60.1	44.5	7.77	4.96	2.95	14.8	18.5	3.00B	29
30	4.71		6.62	16.5	64.1	44.6	7.50	4.91	2.89	12.2	18.0	3.05B	30
31	3.20		7.58		63.0		7.33	4.98		10.9		3.10B	31
TOTAL	159.08	97.33	165.27	591.41	1 025.6	2 030.3	637.75	143.59	123.54	294.03	775.86	289.22	TOTAL
MEAN	5.13	3.48	5.33	19.7	33.1	67.7	20.6	4.63	4.12	9.48	25.9	9.33	MEAN
MAX	6.93	4.86	7.58	32.7	64.1	83.1	42.9	6.27	5.97	28.2	111	20.7	MAX
MIN	3.20	2.50	4.52	8.81	16.3	44.5	7.33	4.02	2.89	2.98	6.40	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 111 ON NOV 11
MINIMUM DAILY, 2.50B ON FEB 17
MAXIMUM INSTANTANEOUS,
146 AT 08:00 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 40 N
LONG 120 53 06 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 700	JUL	55 100
FEB	8 410	AUG	12 400
MAR	14 300	SEP	10 700
APR	51 100	OCT	25 400
MAY	88 600	NOV	67 000
JUN	175 000	DEC	25 000

TOTAL DISCHARGE, 547 000 dam³

NICOLA RIVER NEAR SPENCES BRIDGE - STATION NO. 08LG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.77	4.00B	7.39	17.9	34.3	93.8	54.4	10.2	8.18	5.20	19.4	29.5 E	1
2	9.18	4.10B	7.32	23.9	34.5	86.5	52.6	9.06	8.25	5.14	17.4	28.0 E	2
3	8.49	4.40B	7.32	30.1	36.7	94.4	51.5	8.53	7.62	5.43	15.9	27.0 E	3
4	9.95	4.60B	7.50	30.4	39.5	104	43.6	8.04	7.29	7.43	15.4	40.0 E	4
5	9.71	5.20B	7.55	29.7	54.8	95.8	38.7	7.70	7.02	45.5	15.0	39.5 E	5
6	10.6	5.45B	7.69	31.1	82.2	94.8	40.8	7.39	6.87	24.1	13.6	33.0 E	6
7	12.0	5.60B	7.72	33.1	64.3	99.7	48.7	7.21	6.54	16.3	13.6	30.0 E	7
8	12.3	5.80B	7.68	36.7	50.8	93.6	44.7	6.97	6.21	13.3	12.9	28.0 E	8
9	11.6	6.00B	7.55	35.9	46.2	88.3	41.2	6.70	6.00	12.0	13.6	28.2 E	9
10	11.5	6.40B	7.72	32.8	47.1	116	38.6	6.53	5.96	14.0	109	26.0 E	10
11	8.96	7.00B	7.52	30.8	50.3	107	36.6	6.46	5.87	17.2	226	25.0 E	11
12	8.30	7.00B	7.25	31.8	52.5	97.0	35.5	6.38	5.81	14.5	125	23.0 E	12
13	10.2	6.70B	7.17	34.6	51.5	99.9	34.4	6.24	5.67	13.9	134	20.8 E	13
14	10.5	6.20B	7.27	34.6	49.0	99.7	31.7	6.01	5.48	13.7	107	19.5 E	14
15	10.0	5.60B	7.18	37.9	49.9	105	29.4	6.07	5.53	12.1	62.5	18.5 E	15
16	9.47	5.00B	7.20	41.7	50.7	122	28.1	6.02	6.26	11.6	49.5	17.5 E	16
17	9.17	4.30B	7.43	49.1	55.2	120	26.7	5.91	9.69	10.8	45.0	16.6 E	17
18	8.96	4.00B	7.91	56.2	59.4	121	25.2	6.06	8.28	10.2	39.3	12.6 E	18
19	5.06B	4.00B	8.68	57.8	59.0	114	23.8	6.21	7.39	10.1	34.5	8.10E	19
20	5.06B	4.10B	9.45	62.2	59.6	107	22.6	6.23	6.70	9.84	31.2	7.30B	20
21	5.70B	4.45B	10.3	70.6	58.1	103	20.1	6.25	6.23	9.49	28.3	6.50B	21
22	6.44B	4.90B	10.6	67.6	59.0	109	15.9	6.91	5.99	10.3	27.7	6.55B	22
23	7.24B	5.30B	10.2	65.8	61.6	110	14.9	6.62	5.65	11.2	48.7	6.60B	23
24	7.88B	5.90B	9.46	65.3	60.0	101	14.7	6.82	5.54	10.4	150	6.80B	24
25	8.86	6.45B	9.27	57.7	60.5	89.0	15.1	7.22	5.26	10.8	81.6	6.95B	25
26	8.01	7.00B	9.54	50.7	63.2	79.8	15.1	7.40	5.34	50.0	40.0E	6.95B	26
27	7.55	7.60B	9.53	44.8	66.9	69.1	14.4	7.17	5.37	36.1	35.0E	6.60B	27
28	7.55B	7.75A	9.67	46.9	81.2	62.4	13.0	6.97	5.29	31.8	33.0E	6.20B	28
29	7.40B		10.3	36.1	107	58.0	11.7	6.75	5.31	30.7	32.0E	5.60B	29
30	7.41B		11.5	34.9	108	57.1	11.2	6.90	5.29	25.3	31.2E	5.65B	30
31	5.00B		14.1		103		11.0	7.08		22.1		5.75B	31
TOTAL	265.82	154.80	266.97	1 276.4	1 856.0	2 897.9	907.9	216.01	191.89	520.83	1 607.3	548.25	TOTAL
MEAN	8.57	5.53	8.61	42.5	59.9	96.6	29.3	6.97	6.40	16.8	53.6	17.7	MEAN
MAX	12.3	7.75	14.1	70.6	108	122	54.4	10.2	9.69	50.0	226	40.0	MAX
MIN	5.00	4.00	7.17	17.9	34.3	57.1	11.0	5.91	5.26	5.14	12.9	5.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.3
MAXIMUM DAILY, 226 ON NOV 11
MINIMUM DAILY, 4.00B ON FEB 01
MAXIMUM INSTANTANEOUS,
251 AT 10:48 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 47 N
LONG 121 13 32 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 000	JUL	78 400
FEB	13 400	AUG	18 700
MAR	23 100	SEP	16 600
APR	110 000	OCT	45 000
MAY	160 000	NOV	139 000
JUN	250 000	DEC	47 400

TOTAL DISCHARGE, 925 000 dam³

NICOMEKL RIVER AT 203 STREET, LANGLEY - STATION NO. 08MH155

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 E	2.18	1.04	0.482	0.707	1.23	0.245	0.178	0.510	0.225	0.922	7.90	1
2	0.960E	5.86	0.952	0.486	0.721	0.936	0.252	0.179	0.306	0.219	0.638	5.76	2
3	3.50 E	12.4	0.877	0.444	0.638	5.69	0.254	0.170	0.272	0.447	1.19	12.5	3
4	7.90 E	5.58	0.915	0.424	0.537	7.92	0.231	0.174	0.261	4.99	2.63	20.0	4
5	7.00 E	3.90	0.920	0.409	0.466	2.44	0.268	0.172	0.246	2.43	2.16	8.37	5
6	6.70 E	4.17	2.38	0.399	0.412	2.97	0.296	0.162	0.238	0.568	1.11	4.08	6
7	11.5 E	3.82	9.15	0.387	0.385	5.58	0.312	0.164	0.228	0.475	4.25	2.48	7
8	5.20 E	3.16	8.63	0.382	0.374	2.26	0.255	0.167	0.237	0.484	3.32	9.60	8
9	7.50 E	11.8	5.73	0.378	0.351	2.11	0.221	0.168	0.240	0.732	31.6	21.5	9
10	4.00 E	28.3	8.73	0.363	0.334A	5.80	0.209	0.162	0.238	0.939	60.2	10.2	10
11	2.75 E	13.1	3.26	0.353	0.528A	3.14	0.202	0.164	0.233	0.793	22.0	3.61	11
12	2.30 E	4.37	2.08	0.354	0.470	1.57	0.196	0.170	0.205	1.70	7.17	2.22	12
13	2.90 E	2.15 B	1.69	0.384	0.480	1.16	0.200	0.163	0.193	0.574	12.7	1.99	13
14	2.50 E	1.45 B	2.25	0.424	0.550	0.853	0.193	0.169	0.187	0.353	6.09	2.20	14
15	1.98 A	1.05 B	2.69	0.378	0.418	0.639	0.191	0.167	0.208	0.357	3.87	3.23	15
16	1.96	0.920B	1.73	0.337	0.370	0.518	0.187	0.182	0.618	0.304	2.73	3.50	16
17	1.44	0.870B	1.51	0.620	0.368	0.473	0.190	0.168	0.526	0.367	6.64	10.4 A	17
18	1.18	0.830B	1.70	0.458	0.537	0.426	0.189	0.222	0.254	0.804	3.34	9.68 A	18
19	1.06	0.820B	1.88	0.648	0.504	0.379	0.192	0.218	0.219	0.446	3.33	2.14 B	19
20	0.967	4.30 B	1.93	1.11	0.523	0.377	0.186	0.205	0.202	0.331	5.94	0.700B	20
21	1.80	8.15	1.46	0.771	0.505	0.335	0.186	0.182	0.198	2.73	4.92	0.510B	21
22	13.2	5.39	1.12	0.672	0.432	0.313	0.185	0.268	0.196	1.60	8.68	0.440B	22
23	8.20	3.31	0.930	1.97	0.363	0.305	0.187	0.235	0.195	0.710	11.4	0.410B	23
24	8.66	2.92	0.823	1.51	0.345	0.285	0.197	0.199	0.195	0.481	18.6	0.395B	24
25	12.5	2.45	0.733	3.90	0.334	0.266	0.199	0.265	0.193	0.534	10.2	0.380B	25
26	5.22	1.74	0.678	2.10	0.330	0.267	0.208	0.204	0.196	1.33	4.15	0.390B	26
27	4.31	1.38	0.629	1.68	0.365	0.254	0.217	0.190	0.193	1.06	2.53	0.430B	27
28	7.01	1.18	0.591	1.52	0.393	0.248	0.201	0.183	0.185	0.899	1.77	0.395B	28
29	5.88		0.549	1.20	0.359	0.254	0.194	0.262	0.198	1.12	6.65	0.380B	29
30	6.42		0.523	0.843	0.354	0.248	0.185	0.364	0.200	3.91	4.71	0.365B	30
31	3.58		0.497		1.00		0.175	1.21		1.80		0.355B	31
TOTAL	151.227	139.550	72.569	26.086	14.453	49.246	6.603	7.086	7.570	33.712	255.440	146.510	TOTAL
MEAN	4.88	4.98	2.34	0.870	0.466	1.64	0.213	0.229	0.252	1.09	8.51	4.73	MEAN
MAX	13.2	28.3	9.15	3.90	1.00	7.92	0.312	1.21	0.618	4.99	60.2	21.5	MAX
MIN	0.960	0.820	0.497	0.337	0.330	0.248	0.175	0.162	0.185	0.219	0.638	0.355	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.49
MAXIMUM DAILY, 60.2 ON NOV 10
MINIMUM DAILY, 0.162 ON AUG 06
MAXIMUM INSTANTANEOUS,
71.9 AT 10:45 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 45 N
LONG 122 39 31 W
DRAINAGE AREA, 69.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 100	JUL	570
FEB	12 100	AUG	612
MAR	6 270	SEP	654
APR	2 250	OCT	2 910
MAY	1 250	NOV	22 100
JUN	4 250	DEC	12 700

TOTAL DISCHARGE, 78 800 dam³

NILE CREEK NEAR BOWSER - STATION NO. 08HB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46	0.733	0.694	1.66	0.515	0.238	0.251	0.154	0.177	0.149	0.799	1.44	1
2	0.961	0.749	0.682	1.90	0.504	0.238	0.223	0.154	0.153	0.134	0.522	1.20	2
3	0.833	10.9	0.670	1.41	0.464	2.67	0.244	0.154	0.153	0.153	0.687	8.70	3
4	1.36	2.19	1.11	1.14	0.434	1.14	0.223	0.150	0.153	0.250	1.01	7.62	4
5	2.28	4.12	1.18	1.22	0.414	0.789	0.217	0.150	0.153	0.369	0.650	1.59	5
6	3.87	1.89	1.74	1.08	0.388	0.666	0.237	0.150	0.153	0.242	0.480	1.26	6
7	6.82	1.24	1.29	1.08	0.343	0.901	0.244	0.150	0.149	0.193	1.05	0.980	7
8	2.86	0.965	0.961	1.19	0.322	0.747	0.223	0.150	0.149	0.165	0.855	2.94	8
9	2.66	1.08	0.807	0.903	0.280	1.06	0.217	0.150	0.149	0.165	8.51	1.64	9
10	1.71	2.92	1.53	0.701	0.292	1.64	0.211	0.149	0.149	0.277	10.3	1.22	10
11	1.25	3.67	0.947	0.931	0.273	1.41	0.205	0.145	0.149	0.236	9.47	0.930	11
12	1.04	1.42	0.751	1.14	0.273	0.845	0.190	0.145	0.149	0.967	7.90 E	0.842	12
13	1.22	1.02	0.633	0.903	0.287	0.605	0.178	0.145	0.149	0.420	5.80 E	0.714	13
14	2.12	0.660	0.821	0.931	0.280	0.483	0.174	0.145	0.149	0.229	3.70 E	0.706	14
15	1.34	0.660	0.835	0.791	0.259	0.379	0.170	0.149	0.149	0.510	1.64	1.40	15
16	1.60	0.635	0.862	0.903	0.259	0.349	0.170	0.149	0.148	0.638	2.14	0.910	16
17	1.18	0.587	1.09	1.17	0.252	0.321	0.166	0.149	0.151	0.393	2.08	0.850	17
18	0.879	0.575	2.75	0.791	0.245	0.307	0.166	0.149	0.149	1.91	1.13	0.970	18
19	0.661	0.458	1.70	0.667	0.231	0.272	0.166	0.149	0.147	0.757	0.946	0.738	19
20	0.528	0.530	2.20	0.791	0.238	0.258	0.162	0.149	0.146	0.440	0.708	0.674	20
21	0.472	0.552	1.90	0.643	0.238	0.251	0.162	0.149	0.140	2.34	0.584	0.584	21
22	1.47	0.563	1.41	0.548	0.280	0.224	0.162	0.145	0.139	0.855	1.98	0.566	22
23	1.28	0.575	1.21	1.08	0.266	0.218	0.162	0.145	0.137	0.578	19.3 E	0.530	23
24	0.894	0.963	0.932	1.38	0.252	0.211	0.158	0.145	0.135	0.925	13.2 E	0.524	24
25	3.82	1.29	0.792	0.931	0.218	0.205	0.158	0.145	0.134	18.5	7.10 E	0.488	25
26	1.68	1.00	0.708	0.679	0.212	0.205	0.158	0.145	0.134	2.34	1.17	0.466	26
27	1.50	0.823	0.750	0.735	0.245	0.205	0.158	0.145	0.126	1.20	1.05	0.466	27
28	1.69	0.696	1.06	0.735	0.252	0.205	0.154	0.141	0.126	2.59	0.988	0.466	28
29	1.66		1.37	0.707	0.218	0.279	0.154	0.141	0.130	1.71	4.48	0.422	29
30	1.10		1.41	0.548	0.212	0.286	0.154	0.145	0.130	3.27	1.81	0.426	30
31	0.957		1.73		0.224		0.154	0.161		1.49		0.450	31
TOTAL	53.155	43.464	36.525	29.288	9.170	17.607	5.771	4.592	4.355	44.395	112.039	42.712	TOTAL
MEAN	1.71	1.55	1.18	0.976	0.296	0.587	0.186	0.148	0.145	1.43	3.73	1.38	MEAN
MAX	6.82	10.9	2.75	1.90	0.515	2.67	0.251	0.161	0.177	18.5	19.3	8.70	MAX
MIN	0.472	0.458	0.633	0.548	0.212	0.205	0.154	0.141	0.126	0.134	0.480	0.422	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 19.3E ON NOV 23
MINIMUM DAILY, 0.126 ON SEP 27

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 08 N
LONG 124 38 32 W
DRAINAGE AREA, 15 km²

E - ESTIMATED
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 590	JUL	499
FEB	3 760	AUG	397
MAR	3 160	SEP	376
APR	2 530	OCT	3 840
MAY	792	NOV	9 680
JUN	1 520	DEC	3 690

TOTAL DISCHARGE, 34 800 dam³

NIMPKISH RIVER ABOVE WOSS RIVER - STATION NO. 08HF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	41.1	40.0E	55.9	34.2	30.1	30.2	8.42	8.01	5.06	96.8	103	1
2	---	69.4	44.0E	57.4	49.0	29.5	27.5	8.05	8.33	6.25	73.1	78.1	2
3	---	194 A	50.0E	52.4	47.4	55.4	26.1	7.73	8.22	11.2	69.5	---	3
4	---	130 E	48.0E	47.2	48.9	54.3	23.7	7.74	7.93	56.8	74.0	---	4
5	---	90.0E	52.0E	44.2	52.9	44.3	21.9	7.71	7.76	44.6	66.8	227	5
6	---	75.0E	47.0E	41.9	50.3	38.8	34.4	7.21	7.24	36.2	56.5	134	6
7	---	52.0E	42.0E	43.1	43.7	37.7	34.5	6.85	6.81	29.3	66.9	97.9	7
8	---	40.0E	39.0E	44.6	38.1	37.1	28.3	6.67	6.45	24.3	65.8	153	8
9	---	60.0E	37.0E	40.8	35.4	37.3	25.0	6.73	6.15	32.0	111	112	9
10	---	71.0E	40.0E	38.5	32.8	43.3	22.3	6.38	5.88	43.2	144	81.2	10
11	---	85.0E	37.0E	43.6	31.8	54.6	21.0	6.14	5.78	38.2	---	63.6	11
12	---	68.0E	34.0E	48.6	30.6	47.5	19.7	6.07	5.72	59.6	---	52.0	12
13	---	53.0E	32.0E	45.1	32.0	42.6	18.6	6.10	5.62	62.7	---	44.0	13
14	---	42.0E	37.0E	44.2	31.9	38.1	17.2	5.87	5.60	50.1	227	44.2	14
15	---	36.0E	42.0E	47.3	30.6	36.3	16.1	5.92	5.36	42.2	152	48.1	15
16	---	31.0E	52.0E	58.4	29.1	34.5	15.0	6.22	5.21	36.0	258	41.3	16
17	---	27.0E	65.0E	97.0	27.9	31.4	14.2	6.67	5.23	36.5	228	48.6	17
18	---	25.0E	77.0E	80.5	26.7	29.5	13.5	6.70	5.25	84.1	143	60.4	18
19	---	24.0E	62.0E	64.2	25.8	28.6	12.8	6.78	5.19	71.2	102	47.6	19
20	---	23.0E	54.0E	59.5	24.9	28.4	12.3	6.55	5.08	55.1	78.9	39.2	20
21	---	24.0E	51.0E	52.6	24.2	26.8	11.8	6.51	5.02	96.0	67.0	34.4	21
22	---	30.0E	48.0E	50.1	26.6	27.2	11.4	6.51	4.82	82.6	88.8	30.5	22
23	45.7A	41.0E	45.0E	50.4	28.5	26.7	10.9	6.30	4.91	75.5	---	28.1	23
24	85.0E	54.0E	42.0E	46.5	27.6	24.9	10.7	5.94	5.00	343	---	25.3	24
25	122 A	60.0E	39.0E	44.6	26.0	24.0	10.4	5.82	4.72	---	200	23.3	25
26	87.6	36.0E	38.0E	44.6	25.1	23.0	10.0	5.73	4.80	311	115	21.7	26
27	70.9	27.0E	39.7A	40.9	26.3	21.3	9.57	5.79	4.83	---	81.0	21.0	27
28	67.3	31.0E	40.5	37.5	31.5	21.4	9.10	5.77	4.87	---	90.2	20.0	28
29	64.5		44.9	33.6	31.3	23.2	8.90	5.76	4.62	226	261	18.6	29
30	54.3		49.6	31.1	29.6	27.3	8.64	6.00	4.53	214	148	17.8	30
31	46.5		55.7		30.6		8.54	7.28		153		17.4	31
TOTAL	---	1 539.5	1 424.4	1 486.3	1 031.3	1 025.1	544.25	203.92	174.94	---	---	---	TOTAL
MEAN	---	55.0	45.9	49.5	33.3	34.2	17.6	6.58	5.83	---	---	---	MEAN
MAX	---	194	77.0	97.0	52.9	55.4	34.5	8.42	8.33	---	---	---	MAX
MIN	---	23.0	32.0	31.1	24.2	21.3	8.54	5.73	4.53	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 4.53 ON SEP 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 55 N
LONG 126 36 33 W
DRAINAGE AREA, 787 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	47 000
FEB	133 000	AUG	17 600
MAR	123 000	SEP	15 100
APR	128 000	OCT	---
MAY	89 100	NOV	---
JUN	88 600	DEC	---

NOONS CREEK AT MERIDIAN SUBSTATION ROAD - STATION NO. 08GA065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.299	0.086	0.193	0.539	0.331	0.859	0.022	0.002	0.110E	0.003	0.088	0.169	1
2	0.145	0.243	0.204	0.552	0.317	0.360	0.021	0.001	0.042E	0.007	0.069	0.106	2
3	0.131	0.761	0.222	0.522	0.359	1.09	0.033	0	0.028E	0.055	0.103	1.56	3
4	0.392	0.396	0.320	0.554	0.442	0.773	0.030	0.001	0.022E	1.80	0.289	---	4
5	1.57	0.337	0.331	0.592	0.455	0.344	0.024	0.001	0.014E	0.544	0.242	0.596	5
6	1.09	0.237	0.767	0.610	0.334	0.508	0.073	0	0.009E	0.179	0.113	0.405	6
7	1.42	0.132	1.54	0.634	0.217	0.645	0.084	0.001	0.005A	0.084	0.492	0.274	7
8	0.539	0.105	0.748	0.585	0.152	0.312	0.057	0	0.007	0.047	0.562	1.21	8
9	0.902	0.337	0.404	0.430	0.165	0.318	0.038	0.001	0.005	0.400	3.71	1.30	9
10	0.535	2.28	0.485	0.487	0.182	1.46	0.030	0.002	0.003	0.435	---	0.572	10
11	0.227	2.62	0.257	0.636	0.195	0.801	0.024	0.003	0.002	0.166	---	0.299	11
12	0.183	0.584	0.161	0.645	0.154	0.361	0.020	0.001	0.002	0.414	0.736	0.183	12
13	0.314	0.203B	0.128	0.513	0.329	0.205	0.018	0.001	0	0.139	1.41	0.120	13
14	0.358	0.105B	0.170	0.633	0.282	0.132	0.016	0.001	0	0.082	0.359	0.101	14
15	0.235	0.091B	0.137	0.753	0.143	0.094	0.012	0.001	0.003	0.081	0.374	0.115	15
16	0.289	0.068B	0.145	0.940	0.106	0.078	0.010	0.001	0.167	0.061	0.442	0.094	16
17	0.159	0.057B	0.415	1.12	0.091	0.068	0.008	0.002	0.083	0.049	0.870	0.407	17
18	0.103	0.054B	0.774	0.641	0.086	0.055	0.007	0.002	0.034	0.208	0.265	0.447	18
19	0.078	0.057B	0.548	0.718	0.091	0.054	0.004	0.003	0.020	0.115	0.225	0.122B	19
20	0.061	0.072A	0.837	0.957	0.120	0.057	0.003	0.003A	0.013	0.070	0.174	0.080B	20
21	0.069	0.084	0.614	0.619	0.393	0.049	0.003	0.001E	0.009	0.724	0.283	0.052B	21
22	0.409	0.076	0.384	0.562	0.213	0.042	0.002	0.002E	0.007	0.288	0.708	0.040B	22
23	0.303	0.095	0.234	1.78	0.127	0.041	0.002	0.003E	0.007	0.140	---	0.038B	23
24	0.233	0.193	0.175	0.989	0.088	0.037	0.002	0.002E	0.009	0.095	1.40	0.037B	24
25	0.404	0.268	0.189	0.682	0.072	0.032	0.003	0.001E	0.004	0.386	0.419	0.039B	25
26	0.203	0.207	0.202	0.692	0.061	0.028	0.003	0.001E	0.004	0.423	0.214	0.042B	26
27	0.124	0.166	0.297	0.455	0.058	0.026	0.004	0 E	0.008	0.182	0.149	0.046B	27
28	0.144	0.168	0.413	0.330	0.073	0.024	0.003	0 E	0.004	0.126	0.148	0.048B	28
29	0.278		0.481	0.280	0.068	0.023	0.003	0.006E	0.003	0.179	1.05	0.040B	29
30	0.146		0.492	0.307	0.059	0.022	0.002	0.050E	0.006	0.394	0.332	0.037B	30
31	0.100		0.525		0.611		0.001	0.320E		0.140		0.036B	31
TOTAL	11.613	10.082	12.792	19.757	6.374	8.898	0.562	0.413	0.630	8.016	---	---	TOTAL
MEAN	0.375	0.360	0.413	0.659	0.206	0.297	0.018	0.013	0.021	0.259	---	---	MEAN
MAX	1.57	2.62	1.54	1.78	0.611	1.46	0.084	0.320	0.167	1.80	---	---	MAX
MIN	0.061	0.054	0.128	0.280	0.058	0.022	0.001	0	0	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 10 N
LONG 122 49 22 W
DRAINAGE AREA, 2.59 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 000	JUL	48.5
FEB	871	AUG	35.7
MAR	1 110	SEP	54.4
APR	1 710	OCT	693
MAY	551	NOV	---
JUN	769	DEC	---

NORRISH CREEK ABOVE ROSE CREEK - STATION NO. 08MH150

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.73	3.72B	---	---	7.96	11.1	3.14	1.43E	4.12	1.90	7.50	---	1
2	5.69	6.69B	---	---	8.33	10.2	5.66	1.41E	2.88	1.69	6.16	---	2
3	5.00	12.8	---	---	9.54	25.0	5.34	1.42A	2.46	10.9	7.62	---	3
4	8.69	7.29	---	---	13.1	24.7	3.58	1.41E	2.17	61.8	10.9	---	4
5	19.9	6.59	---	---	17.1	14.2	3.05	1.40E	2.01	19.0	8.70	---	5
6	18.0	5.62	---	---	12.2	12.0	9.05	1.45E	1.90	8.10	6.96	---	6
7	27.9	4.92	---	---	9.41	15.7	8.20	1.50E	1.81	5.49	12.9	---	7
8	14.4	4.49	---	---	7.56	11.9	4.64	1.67	1.79	4.19	18.1	---	8
9	28.2	8.46A	---	---	7.40	10.6	3.66	1.69	1.76	9.03	82.2	---	9
10	16.0	---	---	---	8.30	15.5	3.25	1.66	1.71	8.70	97.3 E	---	10
11	9.85	---	---	---	9.28	27.8	2.99	1.52A	1.68	5.68	---	---	11
12	8.05	---	---	---	9.24	24.2	2.79	1.48E	1.65	14.3	---	---	12
13	9.05	---	---	---	9.23	17.2	2.54	1.44E	1.64	11.2	54.9 A	---	13
14	8.60	---	---	---	8.19	12.3	2.40	1.45E	1.63	7.45	---	---	14
15	7.74	---	---	---	7.31	10.3	2.25	1.50	1.66	6.78	---	---	15
16	6.85	---	---	---	6.90	8.61	2.11	1.56A	7.69	6.01	---	---	16
17	5.97	---	---	---	6.75	7.19	1.98	1.52A	4.32	5.16	---	---	17
18	5.50	---	---	---	6.74	6.41	1.94	2.01	2.68	8.93	---	---	18
19	5.17	---	---	---	6.58	6.50	1.88	1.78	2.15	6.89	---	---	19
20	4.85	---	---	---	7.55	6.40	1.81	1.65	1.94	5.00	---	---	20
21	5.48	---	---	---	9.18	5.94	1.73	1.63	1.86	13.1	---	---	21
22	9.39	---	---	---	9.82	5.79	1.71	4.93	1.78	8.39	---	---	22
23	6.98	---	---	---	7.79	5.06	1.68	2.85	1.72	6.04	---	---	23
24	5.79	---	---	18.0 A	9.15	4.44	1.66	1.98	1.68	4.57	---	---	24
25	8.20B	---	---	---	7.33	4.16	1.66	2.27	1.83	12.8	---	---	25
26	5.34B	---	---	---	6.43	3.78	1.68	1.90	1.63	16.1	---	---	26
27	4.78B	---	---	---	7.30	3.54	1.65	1.75	1.60	8.26	---	---	27
28	5.86B	---	---	---	8.57	3.56	1.60	1.68	1.60	11.4	---	---	28
29	6.22B		---	---	8.31	3.42	1.54	1.71	1.59	10.8	---	---	29
30	4.19B		---	8.09A	7.05	3.34	1.50A	3.82	1.56	22.3	---	---	30
31	3.67B		---		10.5		1.45E	14.4		9.95		---	31
TOTAL	291.34	---	---	---	268.10	320.84	90.12	69.87	66.30	331.91	---	---	TOTAL
MEAN	9.40	---	---	---	8.65	10.7	2.91	2.25	2.21	10.7	---	---	MEAN
MAX	28.2	---	---	---	17.1	27.8	9.05	14.4	7.69	61.8	---	---	MAX
MIN	3.67	---	---	---	6.43	3.34	1.45	1.40	1.56	1.69	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 1.40E ON AUG 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 23 N
LONG 122 07 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 200	JUL	7 790
FEB	---	AUG	6 040
MAR	---	SEP	5 730
APR	---	OCT	28 700
MAY	23 200	NOV	---
JUN	27 700	DEC	---

NORRISH CREEK NEAR DEWDNEY - STATION NO. 08MH058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1	4.58	9.26	14.6	10.5	14.4	3.46E	1.25	5.06	6.01	9.79E	---	1
2	6.88	11.9	9.19	15.7	10.9	13.5 E	6.54	1.30	3.49	5.49	8.65E	---	2
3	6.36	22.4	9.23	14.1	11.9	45.3	6.53	1.24	2.87	27.2	9.49E	---	3
4	13.6	11.7	9.46	13.7	16.0	41.9	4.09E	1.19	2.38	170	12.7 E	---	4
5	34.5	10.5	9.62	14.5	21.0	18.3	3.44E	1.13	1.97	65.9 A	10.4	---	5
6	29.7	7.48	15.0	15.5	15.0	14.5	10.9	1.07	1.84	20.0 E	8.04E	---	6
7	48.9	5.62	26.6	16.3	11.7 E	19.9	10.9	1.10	1.77	5.60E	13.3	---	7
8	23.8	4.73	16.0	14.6	9.82	14.0	5.86E	1.58	1.87	12.0 E	19.2	---	8
9	51.3	16.6	12.0	11.4	9.67	12.2	4.56E	1.69	1.73	11.4 E	185	---	9
10	26.1	122	16.7	10.7	10.3	19.5	3.89	1.57	1.65	9.00E	209 E	---	10
11	13.7	107	11.3	14.5	11.6	48.7	3.52	1.30	1.60	7.37A	---	---	11
12	10.4	20.4	9.15	15.7	11.6	25.6	3.21	1.25	1.85	19.3	---	---	12
13	11.1	13.0	8.08	12.9	11.5	23.4	2.93	1.21	1.81E	15.4	---	---	13
14	10.0	10.0	8.15	14.4	10.3	14.8	2.74	1.21	1.45	11.2 E	25.1 A	---	14
15	8.10	8.81	8.00	18.0	9.52	12.1	2.54	1.45	1.63	11.1 E	---	---	15
16	6.64	7.45	8.39	21.0	9.05	9.95	2.40	1.47	12.7	10.0 E	---	---	16
17	5.36	6.54	12.6	21.7	8.89	8.31	2.25E	1.30	11.3	7.71E	---	---	17
18	4.91	6.20	23.4	16.8	9.17	7.62	2.16E	2.16	8.86	11.9 E	---	---	18
19	4.50	5.81	16.9	15.6	8.69	7.64	2.08E	1.90	7.27	10.2 E	---	---	19
20	4.16	7.11	23.5	29.4	9.73	7.41	2.00E	1.61	6.72	7.35E	---	---	20
21	5.04	8.11	18.2	17.7	11.3	6.89	1.95E	1.62	6.28	17.8 E	---	---	21
22	16.0	7.04	13.5	14.2	10.7	6.76	1.90E	5.94	5.90	12.1 E	---	---	22
23	10.9	7.36	10.9	18.4	9.76	5.91	1.86E	3.39	5.75	9.07E	---	---	23
24	9.05	12.7	9.29	23.5	10.7	5.21	1.82E	2.19	5.53	8.87	---	---	24
25	15.5	13.4	8.35	18.1	9.43	4.82	1.80E	3.07	5.40	15.2	---	---	25
26	9.24	10.8	7.97	30.6	8.42	4.38	1.76A	2.21	5.35	19.0	---	---	26
27	7.47	9.50	8.32	17.0	9.38	4.03E	1.73	1.87	5.11	10.7	---	---	27
28	13.0	9.29	9.43	14.4	10.4	3.99E	1.58	1.71	5.03	14.3	---	---	28
29	12.1		10.4	12.3	10.0	3.80E	1.45	1.82	4.97	13.5	---	---	29
30	6.95		11.3	10.9	9.11E	3.72E	1.35	4.47	4.80	33.8	---	---	30
31	5.12		13.1		12.8		1.27	21.7		12.9		---	31
TOTAL	443.48	488.03	383.28	500.2	338.84	438.54	104.47	77.97	133.94	609.37	---	---	TOTAL
MEAN	14.3	17.4	12.4	16.7	10.9	14.6	3.37	2.52	4.46	19.7	---	---	MEAN
MAX	51.3	122	26.6	30.6	21.0	48.7	10.9	21.7	12.7	170	---	---	MAX
MIN	4.16	4.58	7.97	10.7	8.42	3.72	1.27	1.07	1.45	5.49	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 1.07 ON AUG 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 29 N
LONG 122 09 26 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 300	JUL	9 930
FEB	42 200	AUG	6 740
MAR	33 100	SEP	11 600
APR	43 200	OCT	52 600
MAY	29 300	NOV	---
JUN	37 900	DEC	---

NORTH ALOUETTE RIVER AT 232ND STREET, MAPLE RIDGE - STATION NO. 08MH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.35	1.48	2.13	2.87	1.69	3.53	0.703	0.247	1.31	0.169	1.43	2.50	1
2	1.83	3.84	2.16	3.09	1.64	2.65	1.03	0.203	0.664	0.193	1.14	1.79	2
3	1.65	10.5	2.25	2.69	1.85	7.81	1.43	0.178	0.480	1.24	1.50	1.5	3
4	6.64	4.59	2.70	2.48	2.69	5.44	0.860	0.163	0.371	27.0	3.29	36.5	4
5	12.9	4.35	2.84	2.72	3.45	3.12	0.817	0.165	0.316	7.14	2.64	7.24	5
6	10.2	3.11	7.13	2.80	2.23	3.40	2.17	0.167	0.293	2.16	1.58	4.91	6
7	11.9	2.04	12.4	2.94	1.30	5.52	2.00	0.162	0.261	1.18	5.30	3.19	7
8	4.85	1.55	6.67	2.70	1.03	3.48	1.15	0.145	0.229	0.869	5.79	11.9	8
9	8.27	5.75	3.73	1.98	1.07	3.32	0.913	0.133	0.217	3.35	42.2	11.4	9
10	5.42	33.6	5.43	1.74	1.35	7.38	0.798	0.144	0.211	3.91	61.5	5.41	10
11	2.59	24.0	3.19	2.40	1.53	7.21	0.757	0.179	0.198	1.83	44.6	3.14	11
12	1.94	5.91	2.45	2.46	1.61	4.15	0.749	0.192	0.196	5.29	8.39	2.12	12
13	2.90	2.76 B	2.10	2.05	1.58	2.94	0.666	0.177	0.196	3.55	15.8	1.64	13
14	2.61	1.64 B	2.10	2.30	1.46	2.43	0.574	0.154	0.197	1.95	5.00	1.45	14
15	1.92	1.24 B	2.18	2.95	1.15	2.12	0.558	0.139	0.229	1.65	4.29	1.71	15
16	1.92	0.950B	1.98	3.78	1.02	1.70	0.495	0.130	1.47	1.24	3.99	1.63	16
17	1.42	0.805B	3.11	4.33	1.07	1.30	0.421	0.131	0.817	0.999	7.98	5.48	17
18	1.13	0.826B	7.56	2.95	1.11	1.17	0.362	0.147	0.494	5.16	3.48	4.85 B	18
19	0.949	0.911B	5.32	2.57	1.12	1.24	0.330	0.172	0.396	2.03	2.65	1.92 B	19
20	0.839	1.06	7.45	5.57	1.21	1.28	0.350	0.141	0.310	1.29	2.44	0.990B	20
21	0.903	1.37	3.61	3.34	1.47	1.32	0.358	0.145	0.273	5.36	3.81	0.670B	21
22	7.56	1.30	3.52	2.34	1.69	1.43	0.323	0.194	0.239	3.12	13.2	0.610B	22
23	5.18	1.39	2.46	5.47	1.62	1.18	0.285	0.205	0.220	1.82	43.7	0.580B	23
24	3.35	1.96	1.83	7.30	2.01	0.952	0.226	0.174	0.204	1.32	16.2	0.592B	24
25	5.86	2.71	1.51	5.86	1.21	0.838	0.192	0.163	0.198	3.14	4.84	0.640B	25
26	3.36	2.32	1.30	6.91	0.983	0.757	0.256	0.133	0.188	3.70	2.84	0.670B	26
27	2.64	1.94	1.23	4.02	1.28	0.635	0.265	0.127	0.162	2.28	2.16	0.791B	27
28	4.55	1.99	1.55	3.54	1.77	0.688	0.239	0.130	0.137	2.42	2.13	0.715B	28
29	4.95		2.04	2.97	1.49	0.694	0.263	0.161	0.123	2.01	9.77	0.592B	29
30	2.55		2.32	1.76	1.22	0.772	0.288	0.148	0.123	4.38	4.12	0.580B	30
31	1.71		2.58		3.25		0.273	5.97		2.08		0.580B	31
TOTAL	127.841	125.772	110.14	99.98	49.153	80.456	20.101	12.151	10.722	101.830	327.76	118.310	TOTAL
MEAN	4.12	4.49	3.55	3.33	1.59	2.68	0.648	0.392	0.357	3.28	10.9	3.82	MEAN
MAX	12.9	33.6	12.4	7.30	3.45	7.81	2.17	5.97	1.47	27.0	61.5	26.5	MAX
MIN	0.839	0.805	1.23	1.74	0.983	0.635	0.192	0.127	0.123	0.169	1.14	0.580	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.24
MAXIMUM DAILY, 61.5 ON NOV 10
MINIMUM DAILY, 0.123 ON SEP 29
MAXIMUM INSTANTANEOUS,
140E AT 00:08 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 34 N
LONG 122 34 42 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	1 740
FEB	10 900	AUG	1 050
MAR	9 520	SEP	826
APR	8 640	OCT	8 800
MAY	4 250	NOV	28 300
JUN	6 950	DEC	10 200

TOTAL DISCHARGE, 102 000 dam³

NORTH THOMPSON RIVER AT BIRCH ISLAND - STATION NO. 08LB047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.0B	26.7B	25.1B	52.3	134	530	440	259	214	66.1	66.4	55.0B	1
2	39.5B	27.0B	25.2B	67.4	142	498	433	253	158	64.0	58.2	54.0B	2
3	39.0B	27.7B	25.1B	82.9	150	475	454	211	127	67.0E	58.8	54.0B	3
4	38.5B	28.0B	25.0B	79.6	169	486	458	211	106	72.0	54.0	53.0B	4
5	38.0B	28.1B	24.9B	83.7	221	472	430E	211	109	85.0E	53.8	51.0B	5
6	38.0B	28.5B	24.9B	87.9	158	404	402	249	110	106	51.8	49.0B	6
7	37.9B	28.4B	25.0B	90.0	370	366	447	263	119	78.3	49.3	47.0B	7
8	37.3B	28.1B	25.4B	91.1	284	370	402	230	121	65.4	61.6	45.0B	8
9	37.0B	27.5B	26.8B	78.8	231	373	412	232E	122	68.1	61.6	44.0B	9
10	36.5B	27.3B	27.0B	80.2	207	392	422	234	120	69.8	49.3	42.0B	10
11	36.0B	27.5B	26.7B	72.0	198	509	412	225	121	72.2	64.7	41.5B	11
12	34.5B	27.5B	26.0B	72.8	224	567	461	251	131	63.0	177	41.0B	12
13	33.5B	27.0B	26.1B	74.5	210	495	445	239	123	65.4	269	39.5B	13
14	33.0B	26.6B	26.2B	80.8	201	450E	376	254	105	58.5	292	39.0B	14
15	33.0B	26.5B	26.4B	94.2	198	394	363	265	99.9	59.4	196	38.5B	15
16	32.9B	26.0B	27.0B	106	203	406	340	237	118	58.8	175	37.5B	16
17	31.0B	25.4B	28.0B	125	211	458	312	210E	148	51.2	157	36.5B	17
18	29.0B	25.0B	30.2	136	229	454	285	174	127	50.7	106	36.0B	18
19	26.0B	24.4B	38.3	147	238	457	259	168	104	51.2	110	35.0B	19
20	26.5B	24.6B	40.9	190	246	461	250	174	104	49.0E	98.9	33.5B	20
21	28.0B	24.7B	39.9	249	254	449	237	218	86.0E	46.4	84.2	33.0B	21
22	30.0B	24.7B	37.8	254	265	458	240	225	77.0	51.5	76.6	31.5B	22
23	30.5B	24.8B	39.6	240	274	497	256	261	97.3	47.7	80.0	30.7B	23
24	30.8B	25.0B	36.7	254	282	589	268	255	104 E	49.8	82.1	31.0B	24
25	31.0B	25.0B	36.2	246	341	578	274	215E	113	51.2	42.5	31.5B	25
26	30.9B	25.0B	36.2	210	431	496	269E	176	113	80.0	62.2	31.2B	26
27	30.0B	25.1B	36.7	188	409	451	265	129	93.1	84.2	61.6	31.0B	27
28	29.0B	25.0B	37.0E	164	482	423	262	107	80.5	78.3	59.0B	30.8B	28
29	28.0B		37.0	150	565	416	259	111	72.2	74.9	58.0B	30.9B	29
30	27.1B		42.2	135	559	402	270	132	68.8	77.3	57.0B	31.0B	30
31	26.8B		44.0		542		267	239		73.9		31.0B	31
TOTAL	1 019.4	737.1	973.5	3 982.2	8 728	13 776	10 668	6 618	3 391.8	2 036.3	2 873.6	1 215.6	TOTAL
MEAN	32.9	26.3	31.4	133	282	459	344	213	113	65.7	95.8	39.2	MEAN
MAX	40.0	28.5	44.0	254	559	589	461	265	214	106	292	55.0	MAX
MIN	26.0	24.4	24.9	52.3	134	366	237	107	68.8	46.4	42.5	30.7	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 153
MAXIMUM DAILY, 589 ON JUN 24
MINIMUM DAILY, 24.4B ON FEB 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 36 10 N
LONG 119 54 55 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 100	JUL	922 000
FEB	63 700	AUG	572 000
MAR	84 100	SEP	293 000
APR	344 000	OCT	176 000
MAY	754 000	NOV	248 000
JUN	1 190 000	DEC	105 000

TOTAL DISCHARGE, 4 840 000 dam³

NORTH THOMPSON RIVER AT MCLURE - STATION NO. 08LB064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	128	95.0B	96.0E	120	659	1 600	1 400	618	480	230E	168	190 B	1
2	128	97.0B	95.0E	133	625	1 590	1 330	600	438	210E	165	191	2
3	126	98.0B	93.2	151	599	1 590	1 330	573	380	195E	159	175	3
4	126	101 B	88.8	192	654	1 610	1 200	565	377	190E	153	166	4
5	124	104 B	89.0	193	829	1 570	1 150	535	350	198E	153	163	5
6	124	105 B	89.5	203	916	1 490	1 130	541	304	205E	162	161	6
7	125	106	88.5E	232	1 010	1 400	1 200	556	289	201E	166	165	7
8	125	104	88.1	231	992	1 420	1 210	549	281	190E	168	164	8
9	124	103	90.4	241	940E	1 330	1 120	541	291	170	158	155	9
10	124	101	93.4	239	848	1 420	1 070	494	273	165	153	154	10
11	119	98.4	95.5	223	821	1 810	1 030	493	265	179	284	148	11
12	114	99.0E	89.7	237	824	1 790	997	514	256	186	473	146	12
13	117	100 E	87.1	273	824	1 700	967	535	233	173	493	140	13
14	118	101 E	84.6	298	744	1 590	943	531	247	171	476	136 B	14
15	121	100	84.3	313	762	1 510	943	549	239	169	435	129 B	15
16	119	98.9	84.3	324	757	1 390	920	540	244	158	406	122 B	16
17	118	98.4	86.9	331	763	1 470	854	534	260	149	384	118 B	17
18	115	100	87.3	388	782	1 540	803	499	275	140	373	117 B	18
19	102	101	90.1	420	869	1 550	745	472	257	126	319	115 B	19
20	78.8	102 B	99.4	470	847	1 510	704	445	210	129	308	111 B	20
21	85.7	101 B	109	524	895	1 500	696	440	239	136	289	108 B	21
22	101	100 B	113	631	883	1 500	683	445	228	142	289	104 B	22
23	105	100 B	112	706	923	1 530	660	461	212	136	279	100 B	23
24	113	101 B	111	738	971	1 630	664	424	231	133	558	97.0B	24
25	117	103 B	103	847	1 010	1 670	673	408	239	140	239	99.0B	25
26	118	104 B	103	911	1 200	1 590	698	395E	233	150	222	100 B	26
27	114	102 B	104	763	1 330	1 510	697	375E	253	206	206	99.0B	27
28	111	99.0B	103	644	1 360	1 410	662	350E	266	190	192B	98.0B	28
29	108		106	621	1 450	1 340	653	340E	264	185	192B	97.0B	29
30	102		111	660	1 560	1 270	648	360E	244	181	191B	99.0B	30
31	96.0B		118		1 670		634	430E		175		98.0B	31
TOTAL	3 546.5	2 822.7	2 994.1	12 257	29 317	45 830	28 414	15 112	8 448	5 308	7 913	4 065.0	TOTAL
MEAN	114	101	96.6	409	946	1 530	917	487	282	171	264	131	MEAN
MAX	128	106	118	911	1 670	1 810	1 400	618	480	230	493	191	MAX
MIN	78.8	95.0	84.3	120	599	1 270	634	340	210	126	153	97.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 455
MAXIMUM DAILY, 1 810 ON JUN 11
MINIMUM DAILY, 78.8 ON JAN 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 02 29 N
LONG 120 14 28 W
DRAINAGE AREA, 19 600 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	306 000	JUL	2 450 000
FEB	244 000	AUG	1 310 000
MAR	259 000	SEP	730 000
APR	1 060 000	OCT	459 000
MAY	2 530 000	NOV	684 000
JUN	3 960 000	DEC	351 000

TOTAL DISCHARGE, 14 300 000 dam³

NUSATSUM RIVER NEAR HAGENSBORG - STATION NO. 08FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.5 E	4.00B	3.25E	7.02	11.4	31.3	30.4	29.6	16.4	14.6	7.57	7.49	1
2	14.5 E	3.75B	3.30E	7.93	16.6	31.3	27.0	27.0	15.2	9.96	6.64	7.13	2
3	13.5 E	3.65B	3.40E	7.23	22.1	32.3	26.4	30.1	13.0	11.6	7.95	15.4	3
4	12.8 E	3.60B	3.50E	6.67	27.6	30.5	26.6	29.6	14.2	26.1	9.13	27.4	4
5	16.0 A	3.65B	3.70E	6.47	30.9	25.0	30.8	30.0	17.9	11.0	7.95	15.6	5
6	17.0 E	3.70B	3.85E	6.72	24.2	23.8	35.8	33.4	18.6	7.25	7.58	12.3	6
7	13.0 E	3.75B	3.90E	7.26	17.0	27.0	32.3	25.1	20.3	6.48	9.51	14.6	7
8	10.7 A	3.85B	3.95E	7.66	14.1	26.5	31.0	25.7	20.4	8.85	7.72	24.7	8
9	9.67	3.95B	3.85E	6.87	14.3	26.2	30.7	31.3	18.7	27.8	6.80	16.7	9
10	8.19	4.00B	3.75E	6.20	14.6	34.5	33.0	37.5	19.5	13.9	6.09	12.3	10
11	7.35	3.75B	3.65E	6.28	17.8	32.7	39.6	40.2	17.4	9.83	19.7	10.5	11
12	7.15	3.35B	3.55E	6.96	20.3	26.8	43.0	40.7	15.4	9.94	92.4	9.36	12
13	6.95	3.05B	3.50E	8.04	22.1	27.8	35.9	35.7	13.6	8.08	34.8	8.55	13
14	6.44	2.85B	3.54A	9.42	19.5	31.6	31.3	29.8	15.8	6.67	20.4	8.21	14
15	6.40	2.80B	3.57	10.9	19.2	34.7	32.1	26.6	17.3	5.75	15.4	7.54	15
16	6.01	2.78B	3.85	11.9	19.1	31.9	30.1	25.5	14.6	5.44	18.5	7.15	16
17	5.83	2.80B	4.63	15.0	19.4	28.3	25.7	27.5	12.7	5.28	14.9	7.69	17
18	5.77	2.82B	5.79	14.7	19.3	29.0	24.8	28.1	13.5	6.10	11.7	6.40B	18
19	5.67	2.85B	5.89	13.0	19.9	35.7	26.5	28.6	11.0	5.63	10.6	4.50B	19
20	5.59	2.95B	5.92	14.2	20.0	38.0	29.8	29.9	12.6	5.38	9.51	4.50B	20
21	6.32	3.00E	6.27	14.6	20.2	37.8	33.0	30.3	15.0	8.32	8.95	4.55B	21
22	6.62	3.15E	6.04	15.2	21.4	44.8	36.0	25.5	15.3	6.93	8.81	4.60B	22
23	9.02	3.43A	5.22	13.8	22.4	39.6	35.3	19.0	20.1	8.45	8.04	4.65B	23
24	8.76	3.50E	4.74	12.7	21.8	32.4	33.9	17.4	18.9	45.5	7.65B	4.70B	24
25	6.69	3.49E	4.65	10.6	22.2	33.7	36.8	15.2	16.6	24.7	7.47	4.75B	25
26	6.38	3.40E	4.55	9.45	23.1	33.9	33.7	14.1	11.7	19.9	7.29	4.70B	26
27	5.94	3.35E	4.68	8.42	27.0	29.4	29.8	14.4	9.84	22.2	7.10	4.55B	27
28	5.74	3.30E	4.92	7.44	29.8	30.0	29.5	16.1	15.6	16.9	7.94	4.40B	28
29	5.45		5.28	6.80	33.2	31.8	34.2	17.4	11.4	16.2	8.69	4.30B	29
30	5.20		5.90	7.06	31.1	34.4	37.5	20.9	7.89	10.3	7.66	4.20B	30
31	4.30B		6.79		30.5		35.7	18.0		8.84		4.10B	31
TOTAL	260.41	94.52	139.38	286.50	672.1	952.7	1 000.2	820.1	460.03	389.88	404.15	277.52	TOTAL
MEAN	8.40	3.38	4.50	9.55	21.7	31.8	32.3	26.5	15.3	12.6	13.5	8.95	MEAN
MAX	17.5	4.00	6.79	15.2	33.2	44.8	43.0	40.6	20.4	45.5	92.4	27.4	MAX
MIN	4.30	2.78	3.25	6.20	11.4	23.8	24.8	14.1	7.89	5.28	6.09	4.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 15.8
MAXIMUM DAILY, 92.4 ON NOV 12
MINIMUM DAILY, 2.78B ON FEB 16
MAXIMUM INSTANTANEOUS
116 AT 13:00 PST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 22 N
LONG 126 27 37 W
DRAINAGE AREA, 269 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 500	JUL	86 400
FEB	8 170	AUG	70 900
MAR	12 000	SEP	39 700
APR	24 800	OCT	33 700
MAY	58 100	NOV	34 900
JUN	82 300	DEC	24 000

TOTAL DISCHARGE, 497 000 dam³

OKANAGAN LAKE AT KELOWNA - STATION NO. 08NM083

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.524	1.486	1.425	1.424	1.652	2.175	2.607	2.281	1.838	1.644	1.521	1.527	1
2	1.522	1.484	1.423	1.426	1.660	2.200	2.603	2.263	1.828	1.632	1.524	1.521	2
3	1.520	1.487	1.424	1.427	1.672	2.231	2.596	2.247	1.818	1.629	1.519	1.524	3
4	1.518	1.484	1.426	1.428	1.679	2.271	2.594	2.235	1.796	1.622	1.516	1.524	4
5	1.518	1.486	1.427	1.433	1.693	2.294	2.584	2.219	1.792	1.618	1.514	1.521	5
6	1.516	1.479	1.426	1.438	1.707	2.314	2.585	2.206	1.781	1.607	1.516	1.525	6
7	1.516	1.479	1.428	1.444	1.712	2.326	2.589	2.192	1.774	1.606	1.513	1.525	7
8	1.520	1.472	1.427	1.448	1.723	2.339	2.589	2.170	1.763	1.600	1.515	1.521	8
9	1.526	1.471	1.433	1.450	1.736	2.360	2.580	2.153	1.753	1.593	1.517	1.527	9
10	1.525	1.467	1.431	1.452	1.748	2.391	2.571	2.140	1.745	1.594	1.520	1.530	10
11	1.520	1.467	1.427	1.456	1.763	2.423	2.565	2.125	1.738	1.584	1.523	1.534	11
12	1.520	1.465	1.428	1.461	1.771	2.446	2.564	2.109	1.729	1.580	1.519	1.534	12
13	1.520	1.460	1.426	1.465	1.783	2.473	2.551	2.096	1.721	1.577	1.523	1.536	13
14	1.520	1.453	1.423	1.469	1.800	2.499	2.537	2.084	1.717	1.565	1.523	1.537	14
15	1.520	1.456	1.425	1.475	1.812	2.520	2.523	2.065	1.710	1.563	1.524	1.534	15
16	1.518	1.449	1.425	1.481	1.819	2.539	2.505	2.043	1.707	1.561	1.528	1.529	16
17	1.520	1.447	1.422	1.489	1.833	2.558	2.490	2.028	1.707	1.559	1.526	1.530	17
18	1.516	1.442	1.427	1.498	1.844	2.572	2.477	2.006	1.704	1.555	1.525	1.529	18
19	1.513	1.445	1.434	1.506	1.853	2.583	2.467	1.997	1.700	1.551	1.522	1.529	19
20	1.513	1.439	1.436	1.516	1.865	2.593	2.451	1.983	1.697	1.551	1.524	1.517	20
21	1.512	1.437	1.432	1.529	1.883	2.599	2.433	1.969	1.690	1.551	1.521	1.510	21
22	1.514	1.430	1.428	1.540	1.899	2.603	2.420	1.960	1.691	1.548	1.525	1.511	22
23	1.508	1.427	1.424	1.558	1.926	2.610	2.401	1.936	1.687	1.544	1.524	1.510	23
24	1.506	1.430	1.421	1.575	1.956	2.620	2.391	1.926	1.685	1.539	1.530	1.507	24
25	1.504	1.429	1.419	1.587	1.981	2.631	2.378	1.911	1.677	1.538	1.536	1.506	25
26	1.497	1.430	1.423	1.600	2.006	2.633	2.369	1.905	1.668	1.531	1.533	1.501	26
27	1.495	1.425	1.418	1.611	2.032	2.630	2.347	1.884	1.662	1.530	1.534	1.502	27
28	1.496	1.424	1.416	1.624	2.051	2.629	2.335	1.878	1.656	1.534	1.533	1.498	28
29	1.493		1.418	1.637	2.082	2.627	2.320	1.869	1.655	1.550	1.530	1.493	29
30	1.488		1.418	1.644	2.112	2.612	2.311	1.855	1.650	1.559	1.526	1.491	30
31	1.488		1.419		2.142		2.299	1.846		1.526		1.486	31
MEAN	1.512	1.455	1.425	1.503	1.845	2.477	2.485	2.051	1.725	1.570	1.523	1.518	MEAN
MAX	1.526	1.487	1.436	1.644	2.142	2.633	2.607	2.281	1.838	1.644	1.536	1.537	MAX
MIN	1.488	1.424	1.416	1.424	1.652	2.175	2.299	1.846	1.650	1.520	1.513	1.486	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MEAN, 1.759
MAXIMUM DAILY, 2.633 ON JUN 26
MINIMUM DAILY, 1.416 ON MAR 28
MAXIMUM INSTANTANEOUS
2.646 AT 17:26 PST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 10 N
LONG 119 29 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 340.297 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OKANAGAN RIVER AT OKANAGAN FALLS - STATION NO. 08NM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.40	8.56	7.93	6.78	6.85	39.9	69.3	56.8	40.6	11.7	5.22	5.13	1
2	7.50	10.2	7.72	6.72	6.88	61.5	69.0	56.6	40.7	10.4	5.27	5.06	2
3	7.55	10.3	7.36	6.66	6.92	58.6	68.6	56.7	40.5	9.47	5.17	5.14	3
4	7.65	10.3	7.36	6.80	7.01	62.1	68.8	55.1	40.6	9.15	5.24	5.06	4
5	7.70	10.3	7.33	6.95	7.52	65.6	68.3	54.8	37.4	9.59	5.20	5.07	5
6	7.75	10.5	7.33	7.28	7.63	65.5	68.5	54.2	34.1	9.89	5.15	5.08	6
7	7.75	10.3	7.31	7.50	7.51	72.0	68.4	52.9	33.9	10.1	5.20	5.14	7
8	7.20	10.3	7.32	7.44	6.95	76.5	68.2	54.0	33.8	9.99	5.23	5.15	8
9	6.64	10.3	7.41	7.48	6.47	75.3	67.9	54.4	33.8	9.75	5.20	5.14	9
10	7.32	10.3	7.31	7.52	6.54	75.8	67.3	54.2	33.8	9.49	5.35	5.14	10
11	8.66	10.2	7.31	6.47	6.48	76.4	66.9	53.6	26.7	9.35	5.22	4.90	11
12	8.66	10.2	7.38	5.93	6.41	77.1	66.5	53.3	19.0	9.38	5.19	4.75	12
13	8.54	10.3	7.50	5.91	6.26	76.9	65.7	53.5	12.1	9.60	5.27	4.86	13
14	8.52	10.3	7.75	5.94	6.03	76.2	64.8	53.0	14.6	9.66	5.23	4.80	14
15	8.36	10.2	7.76	5.95	6.02	76.5	64.4	52.7	10.5	9.58	5.31	4.71	15
16	7.95	9.83	7.73	5.88	6.06	76.8	45.3	52.5	8.68	9.43	5.23	4.78	16
17	8.19	9.09	7.62	7.98	4.17	77.1	41.0	50.9	8.76	9.47	5.23	4.75	17
18	8.40	9.00	7.75	12.9	4.52	76.2	62.7	50.1	8.84	8.09	5.23	4.71	18
19	8.32	8.99	7.77	9.21	5.65	75.9	63.3	50.6	8.75	7.47	5.28	4.73	19
20	8.46	8.97	7.75	5.42	5.71	74.9	63.8	50.3	8.86	7.88	5.16	4.73B	20
21	8.44	8.86	7.78	5.44	5.68	74.0	63.6	50.6	8.74	8.41	5.11	4.72B	21
22	8.55	8.86	7.78	5.35	5.64	73.1	61.7	50.6	8.68	8.50	5.14	4.72	22
23	9.22	8.41	7.76	5.43	5.66	72.8	60.7	51.1	8.79	8.56	5.03	4.70	23
24	9.69	7.51	7.72	5.44	8.02	73.0	60.6	51.1	9.15	7.99	5.09	4.79	24
25	9.51	6.80	7.71	5.36	16.2	73.2	59.6	50.8	10.2	7.61	5.00	4.73	25
26	9.66	7.24	7.77	5.45	28.3	72.5	59.5	51.0	10.6	7.04	5.14	4.73	26
27	9.63	7.78	7.47	5.44	33.0	71.2	59.3	48.1	11.6	6.29	5.12	4.72	27
28	9.64	7.84	6.67	5.47	41.7	70.7	58.6	46.7	11.5	6.67	5.15	4.71	28
29	9.78		6.68	5.47	43.8	70.1	58.1	43.0	11.6	5.66	5.16	4.79	29
30	9.72		6.77	6.16	37.5	69.6	58.3	40.5	11.8	5.13	5.14	4.79	30
31	8.98		6.77		36.8		57.6	40.5		5.22		4.70	31
TOTAL	261.34	261.74	231.55	197.73	389.89	2 137.0	1 946.3	1 595.2	598.65	266.52	155.74	150.93	TOTAL
MEAN	8.43	9.35	7.47	6.59	12.6	71.2	62.8	51.5	20.0	8.60	5.19	4.87	MEAN
MAX	9.78	10.5	7.93	12.9	43.8	77.1	69.3	56.8	40.7	11.7	5.35	5.15	MAX
MIN	6.64	6.80	6.67	5.35	4.17	39.9	41.0	40.5	8.68	5.13	5.00	4.70	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.4
MAXIMUM DAILY, 77.1 ON JUN 12
MINIMUM DAILY, 4.17 ON MAY 17
MAXIMUM INSTANTANEOUS,
77.5 AT 20:25 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 26 N
LONG 119 34 40 W
DRAINAGE AREA, 5 860 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 600	JUL	168 000
FEB	22 600	AUG	138 000
MAR	20 000	SEP	51 700
APR	17 100	OCT	23 000
MAY	33 700	NOV	13 500
JUN	185 000	DEC	13 000

TOTAL DISCHARGE, 708 000 dam³

OKANAGAN RIVER AT PENTICTON - STATION NO. 08NM050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.4	9.27	7.63	6.66	2.42	35.1	69.7	58.0	43.0	11.4	4.48	4.29	1
2	16.4	9.33	6.93	7.40	2.87	44.0	69.6	60.5	43.2	12.6	4.46	4.32	2
3	9.41	9.35	5.25	9.11	3.21	44.1	69.4	57.9	43.4	13.4	4.48	4.39	3
4	9.41	9.33	5.21	10.1	3.14	55.7	69.6	56.8	43.6	13.5	4.45	4.37	4
5	8.38	9.42	5.17	9.21	3.13	60.7	69.4	56.5	40.3	13.5	4.45	4.38	5
6	7.08	9.47	5.20	7.05	2.83	60.3	69.3	56.4	37.1	13.5	4.45	4.46	6
7	7.08	8.96	5.20	7.03	2.73	60.6	69.1	60.4	37.4	13.6	4.48	4.42	7
8	5.49	8.64	5.08	7.02	2.68	60.5	69.4	63.2	37.5	13.6	4.43	4.42	8
9	3.46	8.67	5.13	6.99	2.67	60.6	69.4	60.6	37.7	13.6	4.45	4.42	9
10	3.38	8.60	5.15	6.93	2.62	61.4	69.0	58.8	37.9	10.6	4.47	4.43	10
11	3.30	8.62	5.09	6.20	2.59	61.3	68.6	58.4	28.6	11.9	4.49	4.43	11
12	3.28	8.58	5.12	4.53	2.56	61.3	68.3	58.2	15.4	11.9	4.46	4.46	12
13	3.29	8.44	5.44	4.56	2.42	61.8	68.2	57.9	10.9	12.1	4.18	4.44	13
14	3.25	8.44	5.82	4.61	2.28	61.8	68.1	57.6	17.5	12.2	3.68	4.52	14
15	4.57	8.51	5.71	4.65	2.56	61.6	67.8	57.3	17.4	12.4	4.43	4.56	15
16	6.90	8.49	5.89	4.69	2.47	61.8	67.0	56.9	15.6	12.5	4.37	4.53	16
17	7.75	7.90	6.66	4.66	2.41	61.5	50.8	56.5	9.69	12.5	4.32	4.57	17
18	9.26	7.53	6.70	4.71	2.27	61.3	50.2	56.4	9.63	5.65	4.30	4.52	18
19	9.25	7.63	7.80	3.39	2.30	61.3	66.1	56.1	9.47	2.02	4.32	6.55B	19
20	9.21	7.63	10.5	2.58	2.21	65.4	65.8	55.7	9.39	4.23	4.29	6.41B	20
21	9.26	9.11	9.21	4.02	2.20	68.3	65.3	55.2	9.33	8.85	4.34	4.41	21
22	9.27	10.3	6.63	4.05	2.06	68.2	58.0	54.7	9.29	8.84	4.26	4.40	22
23	9.21	10.4	6.65	4.17	2.03	68.4	64.2	54.6	9.23	8.91	4.34	4.39	23
24	9.25	9.92	6.58	4.14	2.08	68.7	64.0	54.5	9.83	10.6	4.23	4.38	24
25	9.33	8.70	6.55	3.57	7.58	68.6	63.6	54.0	12.0	14.1	4.22	4.34	25
26	9.30	8.67	6.56	2.60	16.2	66.0	63.1	53.6	12.0	14.2	4.25	4.34	26
27	9.34	8.56	6.57	2.57	21.8	67.2	63.0	51.0	11.7	8.14	4.25	4.33	27
28	9.30	7.66	6.56	2.57	30.8	69.9	62.8	47.2	11.5	4.34	4.28	6.03B	28
29	9.24		6.55	2.58	34.0	69.8	62.2	44.1	11.4	4.41	4.25	5.91B	29
30	9.31		6.54	2.53	32.7	69.6	61.5	42.3	11.3	4.46	4.22	4.32	30
31	9.24		6.63		27.7		61.2	42.6		4.44		4.25	31
TOTAL	248.60	246.13	195.71	154.88	231.52	1 846.8	2 023.7	1 713.9	652.26	317.99	130.08	143.99	TOTAL
MEAN	8.02	8.79	6.31	5.16	7.47	61.6	65.3	55.3	21.7	10.3	4.34	4.64	MEAN
MAX	16.4	10.4	10.5	10.1	34.0	69.9	69.7	63.2	43.6	14.2	4.49	6.55	MAX
MIN	3.25	7.53	5.08	2.53	2.03	35.1	50.2	42.3	9.23	2.02	3.68	4.25	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.6
MAXIMUM DAILY, 69.9 ON JUN 28
MINIMUM DAILY, 2.02 ON OCT 19
MAXIMUM INSTANTANEOUS,
75.9 AT 19:17 PST ON JUN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 44 N
LONG 119 36 55 W
DRAINAGE AREA, 6 090 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 500	JUL	175 000
FEB	21 300	AUG	148 000
MAR	16 900	SEP	56 400
APR	13 400	OCT	27 500
MAY	20 000	NOV	11 200
JUN	160 000	DEC	12 400

TOTAL DISCHARGE, 684 000 dam³

OKANAGAN RIVER NEAR OLIVER - STATION NO. 08NM085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.49A	10.0	8.07	7.56	9.97	57.9	78.1	59.9	43.4	11.1	6.50	6.04	1
2	7.78A	10.5	8.09	7.75	10.2	77.2	77.4	58.7	43.3	9.84	6.41	6.11	2
3	7.68	10.4	8.05	8.25	10.8	83.5	77.8	58.0	43.1	10.6	6.01	6.03	3
4	7.76	10.6	8.02	8.57	11.7	89.1	76.4	57.2	42.7	10.6	6.00	6.04	4
5	7.76	10.6	7.98	8.67	12.8	88.1	75.5	56.2	41.6	10.7	5.92	5.98	5
6	8.02	10.6	8.03	8.80	13.8	84.4	74.6	55.8	37.1	10.8	5.99	6.01	6
7	8.07	10.6	8.21	9.10	12.4	86.8	74.4	55.1	35.3	10.7	5.89	6.01	7
8	8.14	10.6	8.22	9.57	11.4	90.5	75.9	55.0	35.1	10.8	5.98	6.05	8
9	8.16A	10.6	8.15	9.46	10.2	91.3	76.3	55.5	35.2	10.8	6.01	6.07	9
10	7.80A	10.7	8.20	9.00	9.29	96.9	74.7	55.7	34.8	10.0	6.01	6.04	10
11	8.55A	10.6	8.18	9.30	9.27	104	73.4	56.0	33.8	9.96	6.02	6.05	11
12	8.70A	10.6	8.17	10.5	8.50	102	72.5	55.8	24.2	10.0	6.04	6.03	12
13	8.73E	10.6	8.07	10.4	8.31	103	72.0	55.5	17.3	10.1	6.04	6.11	13
14	8.75A	10.6	8.09	10.4	8.95	101	70.9	55.1	10.5	10.2	6.10	6.14	14
15	8.75A	10.7	8.09	10.6	9.26	96.6	69.6	54.8	9.87	10.5	6.06	6.05	15
16	8.75A	10.4	8.21	11.0	8.83	95.0	63.3	54.6	10.1	10.4	5.99	6.03	16
17	8.67A	10.1	8.23	11.1	9.34	93.1	59.7	53.9	10.3	10.6	5.95	6.07	17
18	8.57A	9.89	8.20	10.3	9.31	91.0	58.2	53.1	10.0	10.1	6.03	6.03	18
19	8.67A	9.74	8.17	10.3	9.20	89.0	64.6	52.7	9.91	10.1	5.94	4.99	19
20	8.70E	9.66	8.22	10.4	9.39	87.2	65.6	52.8	9.65	10.0	5.96	5.80B	20
21	8.72E	9.43	8.21	10.8	10.0	85.6	66.1	53.3	9.37	9.91	5.98	6.28B	21
22	8.75A	9.00	8.23	11.3	10.6	84.4	65.8	54.3	9.22	10.4	6.00	6.15B	22
23	8.75A	8.98	8.14	11.6	13.6	84.6	65.4	54.6	8.90	10.2	5.98	5.98	23
24	9.63A	8.19	8.13	11.5	16.3	85.7	65.5	53.9	9.53	9.78	6.14	5.90	24
25	9.68A	8.13	8.19	9.67	21.8	85.0	66.0	54.3	10.7	8.80	6.23	5.87	25
26	9.70A	8.06	8.23	8.77	34.7	83.2	65.5	54.4	10.8	8.15	6.17	5.93	26
27	9.72E	8.03	8.15	7.96	40.8	81.3	64.0	53.9	10.7	8.01	6.02	5.91	27
28	9.75E	7.98	7.83	8.03	46.3	79.9	62.7	50.5	10.8	7.83	6.05	5.43	28
29	9.78A		7.47	7.79	68.9	78.7	61.5	48.5	11.1	7.67	6.08	6.10B	29
30	9.97A		7.44	7.80	65.5	78.0	60.7	45.2	11.0	6.66	6.06	5.95B	30
31	10.0 A		7.46		51.0		60.6	43.9		6.58		5.77	31
TOTAL	269.95	275.89	250.13	286.25	582.42	2 634.0	2 114.7	1 677.8	639.35	302.09	181.56	184.95	TOTAL
MEAN	8.71	9.85	8.07	9.54	18.8	87.8	68.2	54.1	21.3	9.74	6.05	5.97	MEAN
MAX	10.0	10.7	8.23	11.6	68.9	104	78.1	59.9	43.4	11.1	6.50	6.28	MAX
MIN	7.49	7.98	7.44	7.56	8.31	57.9	39.7	43.9	8.90	6.58	5.89	4.99	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.7
MAXIMUM DAILY, 104 ON JUN 11
MINIMUM DAILY, 4.99 ON DEC 19
MAXIMUM INSTANTANEOUS,
106 AT 00:07 PST ON JUN 11

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 53 N
LONG 119 33 50 W
DRAINAGE AREA, 7 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 300	JUL	183 000
FEB	23 800	AUG	145 000
MAR	21 600	SEP	55 200
APR	24 700	OCT	26 100
MAY	50 300	NOV	15 700
JUN	228 000	DEC	16 000

TOTAL DISCHARGE, 813 000 dam³

OKANOGAN RIVER AT BRIDGE STREET AT OROVILLE - STATION NO. 08NM131

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.371	3.444	3.383	3.356	3.450	3.505	3.694	3.356	3.216	3.408	3.420	3.237	1
2	3.368	3.441	3.380	3.356	3.459	3.530	3.670	3.341	3.216	3.414	3.414	3.240	2
3	3.365	3.444	3.377	3.353	3.463	3.584	3.645	3.331	3.203	3.411	3.402	3.237	3
4	3.362	3.444	3.374	3.350	3.466	3.682	3.630	3.331	3.179	3.405	3.402	3.234	4
5	3.359	3.447	3.374	3.347	3.466	3.746	3.615	3.338	3.210	3.432	3.405	3.246	5
6	3.359	3.450	3.371	3.350	3.490	3.752	3.624	3.338	3.267	3.429	3.383	3.243	6
7	3.365	3.447	3.377	3.350	3.484	3.761	3.636	3.344	3.274	3.435	3.374	3.237	7
8	3.374	3.450	3.383	3.356	3.478	3.780	3.636	3.362	3.274	3.438	3.368	3.237	8
9	3.380	3.444	3.383	3.365	3.469	3.795	3.627	3.362	3.277	3.447	3.365	3.240	9
10	3.380	3.444	3.392	3.353	3.469	3.825	3.615	3.365	3.344	3.453	3.353	3.240	10
11	3.383	3.441	3.392	3.353	3.469	3.929	3.597	3.365	3.426	3.432	3.353	3.237	11
12	3.383	3.444	3.389	3.359	3.466	3.962	3.581	3.356	3.435	3.429	3.347	3.234	12
13	3.386	3.472	3.386	3.365	3.459	3.981	3.569	3.331	3.417	3.429	3.344	3.240	13
14	3.386	3.432	3.383	3.374	3.469	3.996	3.554	3.347	3.423	3.426	3.338	3.231	14
15	3.389	3.432	3.380	3.386	3.475	3.990	3.536	3.328	3.417	3.435	3.328	3.228	15
16	3.402	3.441	3.380	3.392	3.478	3.984	3.520	3.319	3.411	3.441	3.319	3.228	16
17	3.395	3.441	3.380	3.402	3.481	3.978	3.459	3.371	3.411	3.438	3.316	3.225	17
18	3.392	3.429	3.380	3.405	3.472	3.962	3.392	3.380	3.411	3.444	3.310	---	18
19	3.392	3.423	3.383	3.408	3.463	3.938	3.386	3.353	3.417	3.447	3.301	---	19
20	3.395	3.423	3.383	3.417	3.469	3.914	3.383	3.359	3.411	3.450	3.298	---	20
21	3.395	3.420	3.383	3.426	3.469	3.886	3.392	3.341	3.405	3.450	3.289	3.109	21
22	3.402	3.417	3.414	3.435	3.478	3.862	3.402	3.319	3.402	3.456	3.289	3.179	22
23	3.405	3.414	3.383	3.450	3.472	3.859	3.411	3.322	3.399	3.459	3.267	3.185	23
24	3.408	3.408	3.380	3.472	3.459	3.853	3.414	3.331	3.395	3.453	3.289	3.188	24
25	3.408	3.402	3.377	3.472	3.438	3.837	3.420	3.322	3.399	3.453	3.286	3.188	25
26	3.420	3.395	3.374	3.469	3.411	3.810	3.420	3.325	3.402	3.450	3.274	3.185	26
27	3.417	3.389	3.377	3.456	3.420	3.770	3.423	3.316	3.399	3.441	3.264	3.185	27
28	3.426	3.386	3.374	3.463	3.395	3.734	3.411	3.298	3.399	3.438	3.252	3.188	28
29	3.438		3.368	3.459	3.371	3.700	3.399	3.280	3.405	3.429	3.246	3.173	29
30	3.444		3.362	3.450	3.450	3.731	3.386	3.255	3.408	3.426	3.240	3.167	30
31	3.463		3.362		3.475		3.371	3.222		3.426		3.164	31
MEAN	3.394	3.431	3.380	3.398	3.459	3.821	3.510	3.333	3.355	3.436	3.328	---	MEAN
MAX	3.463	3.472	3.414	3.472	3.490	3.996	3.694	3.380	3.435	3.459	3.420	---	MAX
MIN	3.359	3.386	3.362	3.347	3.371	3.505	3.371	3.222	3.179	3.405	3.240	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.996 ON JUN 14

MAXIMUM INSTANTANEOUS,
4.002 ON JUN 14

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 20 N
LONG 119 25 36 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED
DRAINAGE AREA,
8 110 km²

OKANOGAN RIVER AT OROVILLE - STATION NO. 08NM127

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.92	10.5	9.63	9.20	8.04	54.1	84.4	59.5	46.4	7.62	9.40	7.73	1
2	8.92	10.5	9.54	9.20	8.07	59.7	83.8	58.6	44.5	7.65	8.75	5.66	2
3	8.92	10.5	9.34	9.20	8.07	68.0	81.8	56.9	43.9	7.67	8.35	5.66	3
4	8.92	10.6	9.34	9.23	8.07	69.7	79.9	55.8	43.0	7.56	7.93	5.66	4
5	8.89	10.6	9.34	9.03	8.21	77.0	77.9	54.4	37.4	7.73	8.67	5.72	5
6	8.92	10.6	9.34	8.78	8.04	84.4	78.4	54.1	32.6	7.73	9.85	5.69	6
7	8.92	10.9	9.34	8.83	10.8	86.4	80.1	51.8	32.8	7.76	8.72	6.43	7
8	8.92	12.1	9.34	8.95	11.4	87.8	79.3	49.6	32.6	7.76	8.50	7.05	8
9	8.92	11.6	9.34	8.95	9.71	90.3	77.6	50.4	32.6	8.47	8.56	7.05	9
10	8.92	11.5	9.34	8.86	7.96	90.6	76.2	51.0	19.3	10.3	8.41	7.05	10
11	8.98	11.5	9.34	8.69	7.39	90.9	74.5	51.8	16.7	10.9	4.84	7.14	11
12	9.03	11.5	9.34	8.47	7.28	98.5	73.3	53.5	24.3	10.5	7.87	7.19	12
13	9.06	11.3 B	9.34	8.58	7.08	102	72.2	54.7	21.8	9.63	7.99	7.19	13
14	9.06	9.34B	9.34	8.64	7.25	104	71.1	49.6	12.9	9.60	7.73	7.19	14
15	9.06	10.5 B	9.34	8.78	7.42	104	69.4	51.0	10.4	9.74	8.33	7.19	15
16	9.12	10.5 B	9.34	8.86	7.45	103	68.2	52.1	9.63	9.85	8.35	7.19	16
17	9.06	10.3 B	9.32	8.69	8.89	101	64.0	45.6	9.17	9.91	8.33	7.19	17
18	9.06	9.91B	9.29	8.64	9.74	100	59.2	49.0	8.16	10.0	8.21	7.45	18
19	9.06	10.5 B	9.32	8.64	9.03	98.3	58.6	52.1	7.65	9.94	8.07	1.78	19
20	9.06	10.8 B	9.34	8.16	8.18	96.8	58.6	50.7	7.62	9.88	8.07	6.80B	20
21	9.06	10.9 B	9.15	8.33	9.06	94.0	59.2	53.0	7.62	9.94	8.07	7.14B	21
22	9.06	10.9 B	9.17	8.30	9.83	91.7	59.7	55.5	7.62	10.0	8.07	7.14B	22
23	9.06	10.9	9.12	8.30	17.8	90.3	60.9	52.7	7.62	10.2	7.96	7.14B	23
24	9.12	10.9	9.20	8.24	21.1	88.9	61.4	51.3	7.56	10.4	7.73	7.14B	24
25	9.12	10.8	9.20	9.91	26.5	88.9	62.0	51.0	7.59	10.4	7.45	7.14B	25
26	9.20	10.5	9.20	10.8	32.6	88.6	62.0	51.3	7.62	10.3	7.82	7.14B	26
27	9.20	10.0	9.23	10.2	36.8	87.2	62.6	51.8	7.62	10.3	7.76	7.14B	27
28	9.20	9.63	9.20	9.54	47.6	86.1	62.0	52.1	7.62	10.3	7.87	7.14B	28
29	9.49		9.20	8.92	56.9	84.4	61.4	51.3	7.62	10.3	7.93	7.14B	29
30	9.66		9.20	8.01	53.8	72.8	60.9	50.1	7.62	9.80	7.93	7.14B	30
31	10.2		9.20		56.9		60.3	48.4		9.46		7.14B	31
TOTAL	282.09	300.08	288.27	266.93	536.67	2 639.4	2 140.9	1 620.7	569.54	291.60	243.51	208.55	TOTAL
MEAN	9.10	10.7	9.30	8.90	17.3	88.0	69.1	52.3	19.0	9.41	8.12	6.73	MEAN
MAX	10.2	12.1	9.63	10.8	56.9	104	84.4	59.5	46.4	10.9	9.85	7.73	MAX
MIN	8.89	9.34	9.12	8.01	7.08	54.1	58.6	45.6	7.56	7.56	4.84	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.7
MAXIMUM DAILY, 104 ON JUN 14
MINIMUM DAILY, 1.78 ON DEC 19
MAXIMUM INSTANTANEOUS,
104 AT 12:45 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 51 N
LONG 119 25 09 W
DRAINAGE AREA, 8 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 400	JUL	185 000
FEB	25 900	AUG	140 000
MAR	24 900	SEP	49 200
APR	23 100	OCT	25 200
MAY	46 400	NOV	21 000
JUN	228 000	DEC	18 000

TOTAL DISCHARGE, 611 000 dam³

OMINECA RIVER ABOVE OSILINKA RIVER - STATION NO. 07EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.0B	13.7B	14.8B	15.8B	57.9	857	247	56.3	37.0	21.3	24.8	13.9B	1
2	32.0B	13.8B	14.9B	16.1B	65.4	957	284	55.0	41.2	22.6	21.8	13.8B	2
3	30.1B	14.9B	14.8B	16.2B	75.5	989	267	54.2	44.1	21.8	19.5B	13.9B	3
4	29.3B	16.4B	14.8B	16.3B	91.8	961	236	49.6	39.2	21.6	18.2B	14.1B	4
5	28.9B	17.7B	14.9B	16.3B	115	863	214	46.9	36.8	21.9	17.0B	14.4B	5
6	28.1B	17.8B	15.1B	16.3B	148	797	199	45.0	35.1	21.8	15.9B	14.9B	6
7	26.9B	17.5B	15.2B	16.3B	182	748	186	44.0	33.4	21.6	15.7B	15.0B	7
8	25.8B	16.8B	15.4B	16.3B	186	667	176	46.6	32.8	21.1	15.6B	15.0B	8
9	24.7B	16.4B	15.7B	16.4B	181	594	175	45.0	31.8	21.6	15.9B	14.9B	9
10	24.0B	16.3B	15.8B	16.7B	181	551	165	42.4	30.8	22.3	16.0B	14.7B	10
11	23.2B	16.3B	15.9B	17.2B	192	532	152	40.7	29.9	23.7	16.2B	14.5B	11
12	22.2B	16.2B	15.9B	18.8B	203	524	145	40.1	28.8	24.3	15.9B	14.2B	12
13	21.6B	15.9B	15.5B	20.9B	203	511	139	38.8	28.1	24.3	15.7B	14.0B	13
14	21.0B	15.4B	15.2B	22.5B	197	500	132	36.6	27.5	23.3	15.8B	13.9B	14
15	20.7B	15.2B	14.9B	24.2B	197	480	120	44.3	27.0	22.5	16.3B	13.8B	15
16	20.2B	15.0B	14.8B	25.7B	209	462	109	57.7	25.9	22.7	16.7B	13.8B	16
17	20.1B	13.8B	14.5B	26.9B	230	445	103	55.3	25.5	21.9	16.8B	13.7B	17
18	20.0B	12.7B	14.1B	29.4	255	402	99.1	52.8	25.6	21.1	16.9B	13.6B	18
19	20.2B	12.4B	13.8B	30.8	274	352	93.5	50.3	25.2	20.1	16.8B	13.9B	19
20	20.4B	12.2B	13.7B	33.4	289	319	89.2	46.0	24.3	20.3	16.4B	13.7B	20
21	20.1B	12.3B	13.6B	37.4	301	295	85.3	42.7	23.9	21.5	16.0B	13.8B	21
22	19.7B	12.4B	13.5B	42.4	324	290	80.7	41.0	23.6	22.4	15.8B	13.7B	22
23	18.8B	12.2B	13.5B	48.9	352	310	79.6	41.9	24.1	22.1	15.8B	13.6B	23
24	18.8B	14.8B	13.5B	52.9	374	314	77.5	43.3	24.0	22.6	15.8B	13.4B	24
25	18.7B	15.1B	13.6B	53.6	378	272	77.4	41.3	23.9	24.4	15.8B	13.3B	25
26	18.5B	15.2B	13.7B	55.5	384	243	76.7	39.3	23.5	25.0	15.7B	13.1B	26
27	18.0B	15.1B	13.9B	55.5	394	243	72.7	36.7	23.8	25.6	15.3B	12.9B	27
28	16.8B	14.9B	14.2B	55.3	420	248	67.5	34.0	22.7	25.7	14.9B	12.8B	28
29	15.1B		14.7B	54.8	476	229	64.0	32.2	22.1	26.2	14.6B	12.7B	29
30	14.1B		15.0B	55.0	543	222	60.7	33.3	21.6	26.0	14.2B	12.6B	30
31	13.8B		15.3B		670		58.8	34.1		26.0		12.6B	31
TOTAL	685.8	419.4	454.2	923.8	8 148.6	15 177	4 133.7	1 368.4	860.2	711.3	497.8	427.8	TOTAL
MEAN	22.1	15.0	14.7	30.8	263	506	133	44.1	28.7	22.9	16.6	13.8	MEAN
MAX	34.0	17.8	15.9	55.5	670	989	284	57.7	41.2	26.2	24.8	15.0	MAX
MIN	13.8	12.2	13.5	15.8	57.9	222	58.8	32.2	21.6	20.3	14.2	12.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.6
MAXIMUM DAILY, 989 ON JUN 03
MINIMUM DAILY, 12.2B ON FEB 20
MAXIMUM INSTANTANEOUS,
998 AT 10:31 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 09 N
LONG 124 33 52 W
DRAINAGE AREA, 5 490 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 300	JUL	357 000
FEB	36 200	AUG	118 000
MAR	39 200	SEP	74 300
APR	79 800	OCT	61 500
MAY	704 000	NOV	43 000
JUN	1 310 000	DEC	37 000

TOTAL DISCHARGE, 2 920 000 dam³

OSILINKA RIVER NEAR END LAKE - STATION NO. 07EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	6.78B	6.47B	5.73B	16.7	389	104	27.7	19.5	9.65	9.37	6.40B	1
2	10.7 B	6.80B	6.42B	5.78B	17.8	424	128	26.5	20.8	9.65	8.50	6.37B	2
3	10.4 B	6.92B	6.40B	5.80B	19.8	358	114	24.8	20.2	9.31	8.08	6.40B	3
4	10.1 B	7.05B	6.40B	5.82B	23.4	303	93.6	23.0	18.4	9.42	7.65B	6.55B	4
5	9.90B	7.20B	6.40B	5.88B	28.8	294	83.6	22.3	17.5	9.49	7.18	6.65B	5
6	9.70B	7.25B	6.42B	5.90B	36.2	282	79.7	21.7	16.4	9.30	6.26	6.75B	6
7	9.50B	7.23B	6.42B	5.92B	42.2	250	76.5	21.8	15.6	9.19	6.87	6.72B	7
8	9.35B	7.15B	6.45B	5.94B	43.6	227	75.7	22.0	14.9	9.24	7.33	6.62B	8
9	9.20B	7.03B	6.47B	5.95B	43.5	212	76.9	21.3	14.7	9.30	7.37B	6.56B	9
10	9.10B	7.01B	6.50B	5.96B	44.8	201	72.0	20.3	14.3	9.53	7.30B	6.45B	10
11	9.02B	7.00B	6.58B	5.99B	47.5	198	67.4	19.8	13.9	9.68	7.25B	6.40B	11
12	8.90B	6.95B	6.55B	6.02B	49.2	200	64.7	19.8	13.4	9.73	7.20B	6.39B	12
13	8.84B	6.88B	6.53B	6.18B	47.4	193	62.5	20.2	13.2	9.61	7.08B	6.32B	13
14	8.78B	6.70B	6.37B	6.38B	47.4	182	58.1	20.2	12.7	9.38	7.05B	6.24B	14
15	8.74B	6.55B	6.22B	6.50B	49.7	176	51.7	24.5	12.4	8.91	7.20B	6.20B	15
16	8.68B	6.42B	6.15B	6.80B	53.1	173	46.7	29.4	12.2	8.87	7.40B	6.15B	16
17	8.67B	6.30B	5.95B	7.15B	59.3	162	46.1	27.7	11.7	8.53	7.50B	6.05B	17
18	8.65B	6.18B	5.80B	7.96	66.5	145	43.9	26.3	11.7	8.55	7.57B	5.98B	18
19	8.62B	6.12B	5.70B	8.61	72.7	127	41.7	24.7	11.6	8.53	7.60B	5.95B	19
20	8.58B	6.08B	5.60B	9.65	78.5	117	40.7	22.7	11.0	8.53	7.48B	5.95B	20
21	8.42B	6.05B	5.52B	10.6	84.4	111	38.5	21.1	10.9	8.70	7.28B	6.00B	21
22	8.12B	6.14B	5.45B	12.5	93.8	115	37.7	20.5	10.7	8.82	7.10B	6.02B	22
23	8.00B	6.22B	5.42B	14.6	105	136	37.4	20.5	10.7	8.94	7.07B	5.98B	23
24	7.92B	6.38B	5.42B	15.4	114	139	37.8	20.3	10.8	9.82	7.10B	5.92B	24
25	7.82B	6.44B	5.42B	15.5	115	110	37.6	19.5	10.7	9.93	7.15B	5.90B	25
26	7.75B	6.45B	5.42B	15.6	124	93.6	37.6	18.4	10.6	9.89	7.15B	5.85B	26
27	7.62B	6.47B	5.42B	15.4	142	97.2	35.4	17.3	10.5	10.2	7.00B	5.78B	27
28	7.36B	6.50B	5.45B	14.8	157	98.2	32.4	15.9	10.3	10.3	6.80B	5.62B	28
29	7.10B		5.50B	14.3	186	89.4	30.2	15.1	10.0	10.2	6.60B	5.58B	29
30	6.95B		5.55B	15.4	232	86.4	28.5	15.0	9.80	10.5	6.45B	5.52B	30
31	6.85B		5.62B		304		28.2	17.0		9.92		5.50B	31
TOTAL	270.16	186.25	185.99	274.10	2 545.3	5 688.8	1 808.8	666.8	401.10	291.32	218.94	190.77	TOTAL
MEAN	8.71	6.65	6.00	9.14	82.1	190	58.3	21.5	13.4	9.40	7.30	6.15	MEAN
MAX	10.8	7.25	6.58	15.6	304	424	128	29.4	20.8	10.3	9.37	6.75	MAX
MIN	6.85	6.05	5.42	5.73	16.7	86.4	28.2	15.0	9.80	8.53	6.26	5.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.9
MAXIMUM DAILY, 424 ON JUN 02
MINIMUM DAILY, 5.42B ON MAR 23
MAXIMUM INSTANTANEOUS, 435 AT 12:20 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 07 35 N
LONG 124 47 47 W
DRAINAGE AREA, 1 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 300	JUL	156 000
FEB	16 100	AUG	57 600
MAR	16 100	SEP	34 700
APR	23 700	OCT	25 200
MAY	260 000	NOV	18 900
JUN	492 000	DEC	16 500

TOTAL DISCHARGE, 1 100 000 dam³

OSOYOOS LAKE NEAR OROVILLE - STATION NO. 08NM073

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.383	3.456	---	3.368	3.456	3.636	3.926	3.597	3.399	3.441	3.481	3.429	1
2	3.380	3.456	---	3.365	3.466	3.676	3.901	3.575	3.383	3.441	3.478	3.453	2
3	3.377	3.456	---	3.362	3.469	3.749	3.880	3.567	3.371	3.438	3.481	3.450	3
4	3.374	3.459	---	3.362	3.472	3.834	3.865	3.548	3.353	3.447	3.487	3.453	4
5	3.371	3.463	---	3.359	3.475	3.904	3.850	3.539	3.344	3.453	3.487	3.429	5
6	3.374	3.466	---	3.359	3.493	3.938	3.859	3.536	3.362	3.459	3.481	3.432	6
7	3.380	3.463	---	3.359	3.497	3.953	3.871	3.527	3.365	3.459	3.481	3.429	7
8	3.386	---	---	3.362	3.497	3.975	3.874	3.527	3.365	3.466	3.472	3.429	8
9	3.392	---	---	3.368	3.478	3.996	3.865	3.530	3.368	3.469	3.475	3.432	9
10	3.395	---	---	3.362	3.475	4.023	3.853	3.533	3.386	3.472	3.472	3.432	10
11	3.395	---	---	3.362	3.475	4.103	3.834	3.536	3.453	3.466	3.472	3.426	11
12	3.395	---	---	3.365	3.472	4.157	3.819	3.533	3.478	3.472	3.478	3.423	12
13	3.399	---	---	3.371	3.466	4.188	3.804	3.523	3.456	3.478	3.466	3.423	13
14	3.399	---	---	3.380	3.475	4.206	3.786	3.517	3.441	3.484	3.466	3.420	14
15	3.402	---	---	3.389	3.481	4.209	3.770	3.514	3.429	3.487	3.463	3.420	15
16	3.408	---	---	3.399	3.484	4.200	3.755	3.502	3.423	3.490	3.456	3.417	16
17	3.408	---	---	3.405	3.490	4.185	3.694	3.508	3.420	3.490	3.456	3.417	17
18	3.405	---	---	3.411	3.484	4.170	3.624	3.530	3.420	3.484	3.453	3.414	18
19	3.405	---	---	3.414	3.472	4.145	3.615	3.523	3.423	3.487	3.450	3.408	19
20	3.408	---	---	3.420	3.478	4.124	3.615	3.517	3.417	3.481	3.450	3.408	20
21	3.408	---	---	3.432	3.478	4.090	3.624	3.520	3.411	3.475	3.453	3.408	21
22	3.414	---	---	3.441	3.487	4.066	3.630	3.514	3.411	3.469	3.444	3.402	22
23	3.417	---	---	3.456	3.493	4.057	3.639	3.505	3.408	3.469	3.435	3.399	23
24	3.420	---	---	3.475	3.487	4.051	3.645	3.502	3.405	3.469	3.435	3.399	24
25	3.423	---	---	3.481	3.484	4.042	3.652	3.496	3.408	3.466	3.435	3.395	25
26	3.429	---	---	3.475	3.472	4.023	3.655	3.496	3.411	3.456	3.435	3.395	26
27	3.432	---	---	3.466	3.493	3.993	3.655	3.496	3.408	3.466	3.432	3.395	27
28	3.441	---	---	3.466	3.514	3.962	3.648	3.487	3.411	3.475	3.426	3.395	28
29	3.450	---	3.380	3.463	3.539	3.929	3.636	3.469	3.414	3.481	3.432	3.395	29
30	3.456	---	3.377	3.456	3.591	3.917	3.624	3.447	3.417	3.487	3.432	3.389	30
31	3.466	---	3.371		3.621		3.612	3.417		3.487		3.380	31
MEAN	3.406	---	---	3.405	3.490	4.017	3.745	3.517	3.405	3.470	3.459	3.413	MEAN
MAX	3.466	---	---	3.481	3.621	4.209	3.926	3.597	3.478	3.490	3.487	3.432	MAX
MIN	3.371	---	---	3.359	3.456	3.636	3.612	3.417	3.344	3.438	3.429	3.380	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.209 ON JUN 15
MINIMUM DAILY, 3.344 ON SEP 05
MAXIMUM INSTANTANEOUS, 4.212 ON JUN 14

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 57 24 N
LONG 119 26 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

OSOYOOS LAKE NEAR OSOYOOS - STATION NO. 08NM113

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	277.598E	277.665	277.604	277.582E	277.668	277.898	278.165E	277.870	277.668E	277.630	277.640	277.471E	1
2	277.594	277.665	277.602	277.580	277.675	277.965E	278.155	277.835	277.647E	277.632	277.632	277.472	2
3	277.592	277.668E	277.601E	277.577	277.678	278.033E	278.140	277.825	277.625	277.635	277.630E	277.470	3
4	277.590	277.671E	277.599E	277.573	277.686	278.100	278.125	277.817E	277.610	277.640	277.627E	277.470E	4
5	277.590	277.674	277.598	277.567	277.688E	278.160	278.100	277.808E	277.601	277.650	277.625	277.467	5
6	277.592E	277.678	277.595	277.568	277.689E	278.192	278.100	277.800	277.600	277.655E	277.605	277.470	6
7	277.595E	277.684	277.597	277.568E	277.690	278.220	278.108E	277.790	277.610	277.660E	277.598	277.472	7
8	277.598	277.680	277.610	277.568E	277.687	278.235	278.117E	277.790	277.610E	277.665	277.589	277.470E	8
9	277.604	277.675	277.608	277.568	277.685	278.270	278.125	277.795	277.611E	277.670	277.585	277.467E	9
10	277.607	277.674E	277.610E	277.572	277.680	278.309E	278.105	277.795	277.611	277.672	277.580E	277.464	10
11	277.607	277.673E	277.612E	277.570	277.678	278.348	278.095	277.793E	277.668	277.660	277.575E	277.460	11
12	277.605	277.672	277.614	277.576	277.681E	278.395	278.075	277.791E	277.690	277.656	277.570	277.459	12
13	277.607E	277.670	277.610	277.584	277.685E	278.429	278.055	277.790	277.675	277.658E	277.565	277.456	13
14	277.610E	277.670	277.608	277.591E	277.688	278.445	278.040E	277.785	277.655	277.659E	277.560	277.460	14
15	277.612	277.670	277.606	277.599E	277.694	278.450	278.025E	277.775	277.647E	277.660	277.554	277.457E	15
16	277.618	277.660	277.606	277.606	277.697	278.435	278.010	277.775	277.638E	277.662	277.550	277.453E	16
17	277.618	277.660E	277.606E	277.614	277.700	278.430E	277.955	277.770	277.630	277.662	277.543E	277.450	17
18	277.615	277.660E	277.606E	277.620	277.698	278.425	277.875	277.772E	277.625	277.670	277.537E	277.450	18
19	277.618	277.660	277.606	277.630	277.698E	278.400	277.870	277.774E	277.625	277.675	277.530	277.440	19
20	277.622E	277.660	277.606	277.633	277.698E	278.375	277.860	277.775	277.615	277.677E	277.525	277.445	20
21	277.625E	277.660	277.605	277.644E	277.698	278.352	277.873E	277.780	277.618	277.679E	277.515	277.436	21
22	277.628	277.660	277.605	277.656E	277.707	278.308	277.887E	277.785	277.616E	277.680	277.510	277.434E	22
23	277.628	277.660	277.600	277.667	277.716	278.308E	277.900	277.772	277.614E	277.685	277.510	277.431E	23
24	277.634	277.647E	277.599E	277.685	277.714	278.301E	277.910	277.765	277.612	277.690	277.503E	277.428	24
25	277.634	277.635E	277.598E	277.697	277.709	278.295	277.915	277.763E	277.615	277.685	277.497E	277.424E	25
26	277.638	277.622	277.597	277.688	277.726E	278.260	277.920	277.761E	277.620	277.675	277.490	277.420	26
27	277.645E	277.614	277.594	277.677	277.743E	278.245	277.920	277.760	277.610	277.668E	277.492	277.420	27
28	277.651E	277.610	277.593	277.674E	277.760	278.215	277.910E	277.755	277.616	277.662E	277.485	277.415	28
29	277.658		277.590	277.671E	277.828	278.185	277.900E	277.735	277.621E	277.655	277.479	277.410E	29
30	277.665		277.588	277.668	277.878	278.175E	277.890	277.710	277.626E	277.650	277.470	277.406E	30
31	277.665		277.585E		277.890		277.878	277.690		277.645		277.401E	31
MEAN	277.618	277.661	277.602	277.616	277.713	278.272	278.000	277.781	277.628	277.662	277.552	277.447	MEAN
MAX	277.665	277.684	277.614	277.697	277.890	278.450	278.165	277.870	277.690	277.690	277.640	277.472	MAX
MIN	277.590	277.610	277.585	277.567	277.668	277.898	277.860	277.690	277.600	277.630	277.470	277.401	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 277.712
MAXIMUM DAILY, 278.450 ON JUN 15
MINIMUM DAILY, 277.401E ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 43 N
LONG 119 27 37 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OSPIKA RIVER ABOVE ALEY CREEK - STATION NO. 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8 B	7.72B	7.02B	7.80B	21.6	870 A	124	32.2	26.9	11.7	6.10B	5.78B	1
2	12.4 B	7.68B	7.05B	8.05B	25.9	433	124	31.9	26.1	12.2	6.80B	5.80B	2
3	11.8 B	7.70B	7.08B	8.40B	29.0	297	105	31.6	25.7	11.8	6.20B	5.85B	3
4	11.2 B	7.65B	7.08B	8.62B	33.1	269	94.3	30.0	23.7	11.0	5.99B	6.00B	4
5	11.6 B	7.57B	7.10B	8.78B	42.2	262	85.8	29.1	22.6	10.5	6.20B	6.35B	5
6	11.8 B	7.37B	7.12B	8.95B	66.9	257	80.0	29.7	21.9	10.1 A	6.90B	6.58B	6
7	11.9 B	7.22B	7.18B	9.08B	58.1	232	75.9	30.4	21.0	10.3	7.58B	6.60B	7
8	11.7 B	7.22B	7.22B	9.20B	49.3	223	69.5	27.9	20.6	10.8	7.45B	6.55B	8
9	11.4 B	7.32B	7.35B	9.40B	48.1	211	67.1	27.1	19.8	11.6	7.20B	6.38B	9
10	11.0 B	7.43B	7.40B	9.58B	53.7	197	62.3	26.4	19.3	11.1	7.02B	6.10B	10
11	10.7 B	7.40B	7.45B	9.80B	60.0	191	60.8	26.2	18.7	9.86	6.90B	6.03B	11
12	10.4 B	7.30B	7.53B	10.0 B	52.4	170	57.2	26.0	19.0	10.1	6.70B	6.00B	12
13	10.3 B	7.08B	7.60B	10.1 B	48.7	156	54.3	26.2	18.3	10.4	6.56B	5.99B	13
14	10.2 B	6.82B	7.72B	10.3 B	50.5	156	46.4	25.8	17.8	9.94	6.50B	5.95B	14
15	10.2 B	6.70B	7.87B	10.4 B	53.3	174	43.2	25.4	17.5	8.45	6.48B	5.85B	15
16	10.2 B	6.55B	8.02B	10.9 B	59.8	167	46.6	25.0	17.0	7.80B	6.55B	5.72B	16
17	10.1 B	6.45B	8.10B	11.8 B	71.6	143	51.8	25.2	16.7	6.95B	6.65B	5.65B	17
18	9.90B	6.42B	8.25B	13.2 B	84.2	127	49.4	27.6	16.5	7.75B	6.95B	5.55B	18
19	9.82B	6.40B	8.35B	15.5 B	93.1	116	43.7	25.9	16.6	8.80B	7.20B	5.42B	19
20	9.80B	6.45B	8.30B	20.5 B	99.7	108	42.0	24.2	15.6	8.05B	7.22B	5.20B	20
21	9.85B	6.52B	8.22B	22.0 B	113	109	35.9	23.7	15.1	7.80B	7.15B	5.15B	21
22	9.95B	6.70B	8.00B	22.5 B	135	115	35.3	24.1	14.9	7.90B	6.90B	5.13B	22
23	10.0 B	6.95B	7.65B	22.6 B	153	128	36.2	26.1	14.5	8.90B	6.77B	5.15B	23
24	10.0 B	7.05B	7.30B	22.5 B	156	108	34.7	23.7	14.1	12.6	6.75B	5.18B	24
25	9.90B	7.08B	7.05B	22.0 B	153	93.7	33.6	22.3	13.8	10.8	6.70B	5.17B	25
26	9.70B	7.10B	6.98B	19.8	153	91.0	32.6	21.5	13.3	9.10	6.65B	5.10B	26
27	9.30B	7.12B	6.95B	16.8	192	91.6	31.7	20.9	12.7	10.3	6.45B	5.00B	27
28	9.00B	7.05B	6.98B	14.9	247	91.9	32.0	20.4	12.3	10.6	6.35B	4.95B	28
29	8.60B		7.05B	15.0	288 A	85.3	32.2	19.9	12.0	9.26	6.10B	4.87B	29
30	8.20B		7.10B	18.3	299	84.0	32.5	21.5	11.6	9.33	5.90B	4.84B	30
31	7.87B		7.50B		657 A		32.0	23.1		9.17		4.82B	31
TOTAL	321.97	198.02	231.65	406.76	3 649.1	5 756.5	1 748.8	799.9	535.0	304.96	197.87	174.71	TOTAL
MEAN	10.4	7.07	7.47	13.6	118	192	56.4	25.8	17.8	9.84	6.60	5.64	MEAN
MAX	12.8	7.72	8.35	22.6	657	870	124	32.2	26.9	12.6	7.58	6.60	MAX
MIN	7.87	6.40	6.95	7.80	23.6	84.0	31.7	19.9	11.6	6.95	4.80	4.82	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.2
MAXIMUM DAILY, 870A ON JUN 01
MINIMUM DAILY, 4.80B ON NOV 02
MAXIMUM INSTANTANEOUS,
1 360 AT 22:49 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 28 02 N
LONG 123 56 00 W
DRAINAGE AREA, 2 220 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 800	JUL	151 000
FEB	17 100	AUG	69 100
MAR	20 000	SEP	46 200
APR	35 100	OCT	26 300
MAY	315 000	NOV	17 100
JUN	497 000	DEC	15 100

TOTAL DISCHARGE, 1 240 000 dam³

OWIKENO LAKE AT RIVERS INLET - STATION NO. 08FA007

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.352	1.583	1.439	1.710	1.965	2.815	2.997	2.997	2.324	2.191	2.422	2.013	1
2	2.249	1.568	1.453	1.796	2.224	2.837	2.930	2.930	2.290	2.380	2.284	1.937	2
3	2.150	1.590	1.460	1.830	2.474	2.874	2.855	2.878	2.230	2.400	2.177	2.026	3
4	2.082	1.587	1.474	1.823	2.526	2.900	2.777	2.876	2.184	3.014	2.172	2.544	4
5	2.089	1.585	1.496	1.820	2.568	2.820	2.724	2.891	2.168	2.995	2.128	2.559	5
6	2.199	1.565	1.543	1.820	2.709	2.716	2.727	2.978	2.197	2.733	2.069	2.461	6
7	2.265	1.543	1.560	1.840	2.666	2.639	2.728	2.939	2.235	2.507	2.068	2.383	7
8	2.296	1.514	1.558	1.869	2.549	2.593	2.747	2.844	2.282	2.367	2.057	2.431	8
9	2.223	1.508	1.539	1.849	2.475A	2.570	2.765	2.809	2.301	2.663	2.001	2.405	9
10	2.162	1.521	1.533	1.823	2.294E	2.600	2.781	2.863	2.308	2.807	1.938	2.284	10
11	2.070	1.555	1.507	1.826	2.325E	2.682	2.848	2.986	2.304	2.616	2.131	2.173	11
12	1.983	1.552	1.478	1.879	2.372E	2.657	2.964	3.091	2.283	2.572	3.744	2.067	12
13	1.955	1.523	1.456	1.928	2.365E	2.618	3.002	3.140	2.241	2.554	4.305	1.964	13
14	1.928	1.487	1.433	1.976	2.341E	2.624	2.961	3.112	2.207	2.433	3.874	1.895	14
15	1.898	1.465	1.423	2.037	2.312E	2.694	2.922	3.004	2.214	2.280	3.437	1.837	15
16	1.872	1.445	1.423	2.101	2.362E	2.748	2.906	2.915	2.214	2.151	3.207	1.782	16
17	1.816	1.391	1.456	2.237	2.400E	2.751	2.831	2.839	2.202	2.042	3.000	1.767	17
18	1.758	1.359	1.561	2.345	2.443E	2.731	2.727	2.770	2.179	2.035	2.744	1.755	18
19	1.701	1.342	1.655	2.365	2.471E	2.707	2.678	2.738	2.167	2.035	2.538	1.691	19
20	1.657	1.340	1.714	2.376	2.457E	2.904	2.676	2.751	2.125	1.972	2.369	1.619	20
21	1.690	1.335	1.763	2.371	2.414E	2.938	2.712	2.783	2.123	2.020	2.242	1.571	21
22	1.768	1.329	1.772	2.385	2.385E	3.040	2.797	2.777	2.140	2.059	2.187	1.532	22
23	1.778	1.333	1.744	2.361	2.359A	3.151	2.896	2.696	2.197	2.056	2.294	1.491	23
24	1.763	1.357	1.709	2.316	2.348	3.114	2.934	2.567	2.255	2.567	2.527	1.469	24
25	1.832	1.414	1.665	2.248	2.355	3.054	2.916	2.450	2.289	2.897	2.435	1.442	25
26	1.856	1.431	1.628	2.178	2.386	3.021	2.945	2.366	2.275	3.063	2.306	1.435	26
27	1.833	1.441	1.602	2.131	2.451	2.959	2.935	2.294	2.197	3.114	2.196	1.449	27
28	1.803	1.440	1.595	2.074	2.553	2.920	2.887	2.253	2.152	3.134	2.118	1.410	28
29	1.759		1.606	1.998	2.671	2.909	2.877	2.241	2.181	2.947	2.150	1.378	29
30	1.700		1.636	1.930	2.725	2.939	2.932	2.286	2.124	2.758	2.101	1.369	30
31	1.654		1.668		2.765		3.006	2.322		2.599		1.368	31
MEAN	1.940	1.468	1.566	2.041	2.426	2.820	2.851	2.754	2.220	2.515	2.507	1.855	MEAN
MAX	2.352	1.590	1.772	2.385	2.765	3.151	3.006	3.140	2.324	3.134	4.305	2.559	MAX
MIN	1.654	1.329	1.423	1.710	1.965	2.570	2.676	2.241	2.123	1.972	1.938	1.368	MIN

WATER LEVELS IN METRES

MEAN, 2.252
MAXIMUM DAILY, 4.305 ON NOV 13
MINIMUM DAILY, 1.329 ON FEB 22
MAXIMUM INSTANTANEOUS,
4.423 AT 02:22 PST ON NOV 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 41 26 N
LONG 127 09 43 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

OYSTER RIVER BELOW WOODHUS CREEK - STATION NO. 08HD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.24	5.55	5.51	18.1 A	9.32	15.0	6.27	1.46	1.17	0.574	15.8	28.0	1
2	4.99	6.62	5.28	18.8 A	13.2	16.6	6.42	1.37	1.13	0.675	15.0	21.3	2
3	4.87	24.4	5.49	16.3 A	15.0	16.0	7.01	1.36	1.07	0.767	16.0	116	3
4	4.74	16.8	6.90	15.2 A	16.6	14.1	6.35	1.38	1.06	1.44	10.9	154	4
5	14.6	13.5	8.20	14.5 A	18.5	23.8	5.56	1.37	1.07	1.44	11.7	53.5	5
6	28.0	11.2	8.10	14.4 A	17.1	21.8	5.94	1.26	0.954	1.48	10.0	33.7	6
7	34.7	9.65	7.52	15.4 A	13.4	20.9	6.55	1.15	0.935	1.57	9.01	25.7	7
8	27.6	8.78	7.29	15.6 A	10.8	16.9	5.96	1.17	0.849	1.59	8.76	36.0	8
9	19.6	7.96	6.74	13.4 A	10.2	14.2	5.29	1.17	0.861	1.68	11.8 A	31.8	9
10	14.7	8.12	7.24	12.5 A	9.25	24.7	4.96	1.25	0.827	1.64	66.3 E	25.2	10
11	12.1	10.2	6.26	14.7 A	8.39	26.4	4.46	1.24	0.843	1.82	153 E	20.7	11
12	10.7	9.48	5.50B	14.8 A	8.39	19.4	4.20	1.24	0.762	1.86	147 E	17.6	12
13	12.7	8.84B	5.20B	13.6 E	9.46	15.7	3.89	1.11	0.684	1.89	95.9 E	15.1	13
14	15.2	8.23B	6.52	13.3 A	8.60	13.4	3.73	1.05	0.563	2.09	39.1 A	14.3	14
15	13.6	7.35	6.66	14.6 A	7.75	11.7	3.60	1.13	0.569	2.11	34.1 E	14.2	15
16	12.9	6.58	6.82	19.2 A	9.27	11.0	3.40	1.20	0.590	2.11	37.5 E	12.9 B	16
17	10.7	5.70B	8.04	30.5 A	11.2	9.97	3.99	1.24	0.554	2.56 A	53.5 E	12.0 B	17
18	9.27	5.10B	14.3	26.7 A	10.6	9.17	4.68	1.27	0.574	3.60 A	111 E	11.0 B	18
19	8.07	4.50B	15.4	23.2	10.2	9.12	3.49	1.19	0.577	4.13	111 E	10.3 B	19
20	7.36	3.79	14.7	21.7	10.1	9.95	2.55	1.17	0.574	4.00	23.5 E	9.60B	20
21	6.52	3.50	15.1 A	18.4	10.5	9.43	2.38	1.14	0.599	4.27	16.4 E	9.00B	21
22	6.56	3.36	13.3 E	15.9	28.7	9.75	2.34	1.15	0.603	4.51	20.8 E	8.30B	22
23	6.41	3.28	12.2 A	15.9	21.0	9.37	2.20	1.08	0.551	4.49	202	7.70B	23
24	5.90	3.92	10.4 A	16.6	14.8	8.71	2.08	1.06	0.571	13.1 E	100	7.20B	24
25	8.11	5.06	8.90A	14.5	12.6	8.01	2.03	1.06	0.579	83.6 E	43.9	6.70B	25
26	7.98	5.33	8.93A	13.1	11.4	7.39	1.98	1.40	0.569	52.0	29.6	6.30B	26
27	7.07	5.34	8.50A	11.7	23.0	6.84	1.86	1.17	0.534	36.9	24.5	5.90B	27
28	6.98	5.34	9.44A	10.6	28.7	6.51	1.68	1.03	0.505	45.5	22.9	5.60B	28
29	6.58		11.1 A	9.07	21.4	6.55	1.70	0.967	0.459	39.6	87.6	5.30B	29
30	6.50		14.4 A	8.66	18.9	6.51	1.67	1.04	0.524	35.7	41.1	5.20B	30
31	5.91		15.8 A		18.3		1.51	1.06		22.3		5.10B	31
TOTAL	346.38	217.18	285.18	480.93	437.25	452.50	115.73	37.037	21.730	380.326	1 410.57	735.20	TOTAL
MEAN	11.2	7.76	9.20	16.0	14.1	15.1	3.73	1.19	0.724	12.3	47.0	23.7	MEAN
MAX	34.7	24.4	15.8	30.5	28.7	51.0	7.01	1.46	1.17	83.6	202	154	MAX
MIN	4.74	3.28	5.20	8.66	7.75	6.33	1.51	0.967	0.459	0.574	8.76	5.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.5
MAXIMUM DAILY, 202 ON NOV 23
MINIMUM DAILY, 0.459 ON SEP 29
MAXIMUM INSTANTANEOUS,
284 AT 14:28 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 38 N
LONG 125 14 18 W
DRAINAGE AREA, 298 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 900	JUL	10 000
FEB	18 800	AUG	3 200
MAR	24 600	SEP	1 880
APR	41 600	OCT	32 900
MAY	37 800	NOV	122 000
JUN	39 100	DEC	63 500

TOTAL DISCHARGE, 425 000 dam³

PACK RIVER AT OUTLET OF MCLEOD LAKE - STATION NO. 07EE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.1A	22.6	17.3A	18.9	202A	138 A	40.9A	13.1 A	8.70	6.54	19.0	18.0A	1
2	41.5A	22.0	17.4A	19.8	196A	141 A	40.0A	12.6 A	8.66	7.41	19.0	18.0A	2
3	43.1A	22.4	16.9	21.7	194A	142 A	38.9A	12.1 A	8.67	7.23	19.5	18.0A	3
4	44.5A	22.4	16.8	24.1	199A	142 A	38.6A	11.6 A	8.54	7.46	18.6	18.0A	4
5	45.7A	22.5	16.7	27.1	209A	142 A	36.9A	11.3 A	8.32	8.03	18.5	17.8A	5
6	45.4A	22.3	16.6	30.4	222A	139 A	36.1A	10.7 A	8.56	8.43	18.8	17.7A	6
7	45.2A	22.0	16.6	35.1	224A	134 A	35.1A	10.2 A	8.79	8.55	18.9	17.4A	7
8	44.3A	21.9	16.9	39.6	222A	129 A	33.8A	10.0 A	8.86	9.19	18.4	17.3A	8
9	43.4A	21.7	17.0	43.7	220A	122 A	33.5A	9.64A	8.86	9.68	17.9	17.1A	9
10	41.3A	21.7	17.4	47.2	217A	115 A	32.5A	9.20A	8.85	10.3	16.8	17.0A	10
11	39.2A	21.8	17.5	49.7	214A	114 A	31.2A	9.00A	8.65	11.5	16.9A	16.9A	11
12	37.2A	21.5	17.4	51.4	209A	116 A	30.0A	8.96A	8.46	12.4	17.0A	16.7A	12
13	35.8A	20.6	17.2	53.1A	200A	113 A	28.5A	8.48A	8.67	12.8	17.1A	16.6A	13
14	34.7A	20.5	17.1	54.6A	191A	108 A	27.3A	8.16A	8.04	13.2	17.1A	16.7A	14
15	34.5A	20.2	17.4	57.0A	185A	102 A	26.1A	7.84A	7.95	13.7	17.0A	16.7A	15
16	33.6A	19.8	17.7	61.5A	177A	96.4A	24.8A	8.28A	7.80	13.9	16.9A	16.7A	16
17	32.5A	19.4	17.8	67.7A	173A	90.4A	23.9A	8.52	7.79	14.3	16.7A	17.0A	17
18	30.7A	19.3	17.5	75.9A	168A	84.4A	22.5A	8.36	7.68	14.4	16.6A	17.1A	18
19	30.0	19.4A	17.1	84.9A	162A	79.1A	21.5A	8.21	7.55	14.0	17.2A	17.1A	19
20	29.4	19.0A	17.1	97.3A	156A	73.7A	20.8A	8.35	7.28	14.1	17.4A	16.4E	20
21	29.2	18.7A	17.2	113 A	152A	68.7A	19.9A	8.12	7.11	14.5	17.4A	15.4A	21
22	28.8	18.5A	17.0	132 A	147A	63.8A	19.4A	8.31	7.23	14.4	17.6A	15.4A	22
23	28.0	18.2A	16.9	151 A	141A	60.0A	18.3A	8.99	6.96	14.8	17.7A	15.5A	23
24	27.3	18.0A	17.0	170 A	135A	56.0A	17.6A	8.84	6.68	15.1	17.7A	15.5A	24
25	27.6	17.9A	17.3	190 A	131A	52.1A	17.1A	8.72	6.27	15.1	17.7A	15.5A	25
26	26.5	17.8A	17.3	206 A	130A	49.4A	16.7A	8.52	6.32	16.0	17.7A	15.7A	26
27	26.0	17.6A	17.3	215 A	129A	47.1A	16.0A	8.66	6.30	16.1	17.7A	15.9A	27
28	25.9	17.5A	17.3	218 A	125A	44.5A	15.1A	8.31	6.34	16.9	17.9A	15.8E	28
29	25.0		17.7	215 A	121A	42.4A	14.6A	8.12	6.29	18.0	18.0A	15.7E	29
30	24.3		17.9	209 A	123A	41.1A	14.3A	7.89	6.14	18.5	18.0A	15.6E	30
31	23.7		18.4		131A		13.8A	8.48		18.7		15.5A	31
TOTAL	1 064.4	567.2	534.7	2 779.5	5 405	2 846.1	805.7	287.56	232.58	395.22	532.7	515.7	TOTAL
MEAN	34.3	20.3	17.2	92.7	174	94.9	26.0	9.28	7.75	12.7	17.8	16.6	MEAN
MAX	45.7	22.6	18.4	218	224	142	40.9	13.1	8.86	18.7	19.5	18.0	MAX
MIN	23.7	17.5	16.6	18.9	121	41.1	13.8	7.84	6.14	6.54	16.6	15.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.7
MAXIMUM DAILY, 224A ON MAY 07
MINIMUM DAILY, 6.14 ON SEP 30
MAXIMUM INSTANTANEOUS,
232 AT 13:00 PST ON MAY 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 59 45 N
LONG 123 02 08 W

DRAINAGE AREA, 3 690 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	92 000	JUL	69 600
FEB	49 000	AUG	24 800
MAR	46 200	SEP	20 100
APR	240 000	OCT	34 100
MAY	467 000	NOV	46 000
JUN	246 000	DEC	44 600

TOTAL DISCHARGE, 1 380 000 dam³

PALLANT CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08OB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.6	5.76	5.69	4.39	3.80	1.59	1.68	0.545E	3.65 E	14.3	17.4	7.03	1
2	18.6	5.33	5.71	5.22	3.65	1.71	1.67	0.560E	2.90 E	9.96	14.3	6.55	2
3	18.6	5.21	6.09	4.66	3.63	1.97	1.54	0.568E	2.20 E	8.91	17.1	15.9	3
4	18.9	5.68	6.24	4.20	3.47	1.62	1.39	0.555E	1.75 E	7.36	16.2	13.4	4
5	31.8	7.49	8.40	3.78	5.74	1.43	1.30	0.540E	1.53 E	6.06	12.9	21.4	5
6	30.8	6.62	9.11	3.45	6.42	1.26	1.21	0.538E	1.30 E	5.50	12.3	38.9	6
7	41.5	6.03	7.73	3.18	5.48	1.15	1.16	0.550E	1.20 E	9.45	14.5	73.1	7
8	32.4	5.38	6.59	2.86	4.73	1.32	1.04	0.620E	1.10 E	20.9	11.5	50.1	8
9	26.6	6.99	6.02	2.67	4.35	1.34	1.02	0.750E	0.990E	14.2	10.2	34.8	9
10	20.9	6.72	5.74	2.54	3.93	1.13	2.36	1.11 E	0.910E	11.5	8.51	25.5	10
11	17.2	5.96	5.17	2.59	3.51	1.13	1.80	1.10 E	0.850E	15.2	7.10	18.8	11
12	14.6	5.32	9.63	2.71	3.38	1.15	1.68 E	1.00 E	0.800E	20.1	17.5	14.7	12
13	12.9	4.67	20.2	2.86	3.09	1.06	1.55 E	0.860E	0.760E	15.3	13.1	22.6	13
14	10.7	4.36	14.5	2.84	2.88	1.07	1.42 E	0.820E	0.725E	12.9	11.2	17.8	14
15	10.6	4.29	13.7	2.69	2.80	0.957	1.29 E	0.880E	0.670E	11.1	19.0	13.6	15
16	9.04	3.86	14.3	2.93	2.57	0.867	1.16 E	1.40 E	0.630E	10.1	18.4	14.5	16
17	7.63	3.46	13.5	2.99	2.30	0.829	1.03 A	1.75 E	0.630E	16.6	15.9	19.2	17
18	6.87	3.28	12.2	2.95	2.21	0.831	1.01 E	1.63 E	0.700E	15.6	16.0	14.0	18
19	6.52	5.85	11.0	3.44	2.11	0.808	0.980E	1.44 E	1.12 E	12.4	15.4	11.0	19
20	13.2	7.88	10.1	8.14	1.88	0.791	0.920E	1.23 E	1.73 E	15.9	12.3	8.86	20
21	24.6	7.19	9.15	9.87	1.81	1.56	0.860E	1.08 E	1.43 E	16.5	12.2	7.23	21
22	18.4	8.16	7.82	7.83	1.79	1.22	0.810E	0.970E	1.20 E	15.4	10.9	6.53	22
23	14.6	8.08	6.59	6.58	1.67	1.70	0.760E	0.880E	1.14 E	46.3	10.1	5.54	23
24	14.3	9.31	5.73	5.62	1.60	1.58	0.710E	0.820E	1.09 E	41.2	8.42	5.14	24
25	16.5	8.83	5.19	6.52	1.55	1.44	0.670E	0.760E	1.10 E	28.4	7.00	4.97	25
26	12.8	7.45	4.78	6.54	1.49	1.41	0.660E	0.710E	1.13 A	33.0	7.10	6.69	26
27	11.7	6.54	4.61	5.73	1.52	1.52	0.660E	0.650E	1.65	28.5	7.66	6.32	27
28	10.3	6.04	4.93	5.01	2.09	1.66	0.658E	0.640E	17.5	22.1	14.8	5.24	28
29	8.74		4.54	4.36	1.75	1.58	0.625E	0.655E	9.04	26.1	10.3	6.07	29
30	7.52		4.57	4.06	1.67	1.66	0.580E	0.800E	8.02	33.7	8.43	6.77	30
31	6.42		4.30		1.66		0.545E	1.50 E		22.0		6.13	31
TOTAL	514.54	171.74	253.83	133.21	91.33	39.343	34.748	27.911	69.445	566.54	379.72	508.67	TOTAL
MEAN	16.6	6.13	8.19	4.44	2.95	1.31	1.12	0.900	2.31	18.3	12.7	16.4	MEAN
MAX	41.5	9.31	20.2	9.87	6.42	1.97	2.36	1.75	17.5	46.3	19.0	73.7	MAX
MIN	6.42	3.28	4.30	2.54	1.49	0.791	0.545	0.538	0.630	5.50	7.00	4.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.65
MAXIMUM DAILY, 73.7 ON DEC 07
MINIMUM DAILY, 0.538E ON AUG 06
MAXIMUM INSTANTANEOUS,
89.1 AT 16:26 PST ON DEC 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 23 N
LONG 132 03 00 W

DRAINAGE AREA, 76.7 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 500	JUL	3 000
FEB	14 800	AUG	2 410
MAR	21 900	SEP	6 000
APR	11 500	OCT	48 900
MAY	7 890	NOV	32 800
JUN	3 400	DEC	43 900

TOTAL DISCHARGE, 241 000 dam³

PALLISER RIVER IN LOT SL49 - STATION NO. 08NF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.70B	2.05B	2.80B	4.04	15.2	78.9	75.7	26.0	11.6	6.87	6.00E	5.30E	1
2	4.08B	2.25B	2.81B	4.24	14.9	62.1	65.1	24.6	11.2	6.89	5.73E	4.92E	2
3	3.65B	2.90B	2.82B	4.70	14.6	54.7	75.0	22.1	11.1	6.32	5.31E	4.78E	3
4	3.64B	3.70B	2.80B	4.81	16.0	58.9	55.9	21.1	11.0	9.50	5.13E	5.21E	4
5	3.80B	3.45B	2.85B	4.67	22.0	55.3	51.2	21.3	11.0	16.7	5.21E	5.40E	5
6	3.83B	3.31B	2.89B	5.02	35.0	47.7	55.4	22.1	10.8	9.98	5.08E	5.16E	6
7	3.95B	3.16B	2.95B	5.11	33.5	45.0	62.4	22.8	10.6	8.71	4.80E	5.02E	7
8	3.86B	3.05B	3.15B	5.11	28.3	43.9	58.3	21.6	10.1	8.10	4.93E	4.89E	8
9	3.89B	2.97B	3.07B	4.94	24.8	42.2	58.5	20.6	10.1	7.76	5.28E	5.20E	9
10	4.10B	2.95B	2.99B	4.50A	22.5	55.6	59.0	20.5	10.1	8.28	5.79E	5.24E	10
11	3.55B	3.62B	3.04B	11.1	21.4	69.8	58.9A	20.5	10.0	7.84	6.90E	5.19E	11
12	2.56B	3.45B	2.95B	11.2	20.6	59.8	61.1	19.8	10.1	7.25	7.44E	4.84E	12
13	2.90B	2.70B	2.95B	10.9	20.2	50.4	62.4	19.5	9.65	7.24	7.40E	3.95E	13
14	3.35B	2.15B	2.93B	10.7	20.6	45.4	56.2	19.4	9.32	7.07	7.59E	3.00E	14
15	3.85B	1.97B	2.88B	10.9	19.7	47.9	49.3	19.4	9.31	6.55	7.58E	3.30E	15
16	3.69B	1.81B	2.89B	11.6	19.3	54.7	45.7	18.0	9.22	6.38	6.92E	3.67E	16
17	3.50B	2.17B	2.95B	13.0	19.1	65.0	39.9	16.9	8.95	5.95A	6.67E	4.00E	17
18	2.95B	2.30B	3.02B	14.4	19.6	67.7	34.9	16.8	8.54	5.98E	6.48E	4.20E	18
19	2.67B	2.41B	3.10B	15.7	19.4	66.8	32.4	17.0	8.32	5.95E	6.09E	2.60B	19
20	2.58B	2.90B	3.10B	18.0	19.8	70.4	29.3	15.9	8.13	5.90E	5.97E	2.10B	20
21	2.80B	3.25B	2.98	20.7	21.6	73.7	27.3	15.3	7.73	5.83E	5.73E	1.96B	21
22	3.10B	3.43B	2.72	23.0	21.7	84.3	28.1	18.1A	8.04	5.80E	5.74E	2.24B	22
23	3.50B	3.41B	2.76	23.8	24.6	98.5	29.3	17.0	8.06	5.73E	6.08E	2.41B	23
24	3.44B	3.28B	2.51B	23.6	34.7	102	29.7	14.2	8.10	5.57E	6.70E	2.56B	24
25	3.47B	3.25B	2.45B	22.2	55.5	98.0	31.4	12.8	8.00	5.57E	7.20E	2.68B	25
26	3.30B	3.16B	2.49B	20.8	58.5	86.8	31.2	11.9	7.90	5.66E	6.80E	2.69B	26
27	2.90B	3.00B	2.54B	19.6	56.7	76.7	30.9	11.2	6.99	5.91E	6.32E	2.43B	27
28	2.98B	2.82B	2.83	18.1	58.3	66.9	29.0	10.9	6.85	5.84E	5.29E	2.29B	28
29	3.34B		3.02	16.6	69.4	64.8	26.9	11.1	7.24	5.82E	5.40E	2.40B	29
30	3.10B		3.12	15.8	99.7	78.3	27.0	13.6	7.16	5.80E	5.62E	2.70B	30
31	2.24B		3.48		87.0		26.8	12.9		5.92E		2.89B	31
TOTAL	105.35	80.87	89.64	378.84	1 014.2	1 972.2	1 404.2	554.9	275.21	218.67	183.18	115.22	TOTAL
MEAN	3.40	2.89	2.89	12.6	32.7	65.7	45.3	17.9	9.17	7.05	6.11	3.72	MEAN
MAX	4.70	3.70	3.48	23.8	99.7	102	75.7	26.0	11.6	16.7	7.59	5.40	MAX
MIN	2.24	1.81	2.45	4.04	14.6	42.2	26.8	10.9	6.85	5.57	4.80	1.96	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.5
MAXIMUM DAILY, 102 ON JUN 24
MINIMUM DAILY, 1.81B ON FEB 16
MAXIMUM INSTANTANEOUS
108 AT 20:45 MST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 31 N
LONG 115 37 09 W
DRAINAGE AREA, 653 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 100	JUL	121 000
FEB	6 990	AUG	47 900
MAR	7 740	SEP	23 800
APR	32 700	OCT	18 900
MAY	87 600	NOV	15 800
JUN	170 000	DEC	9 960

TOTAL DISCHARGE, 551 000 dam³

PARSNIP RIVER ABOVE MISINCHINKA RIVER - STATION NO. 07EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.5B	42.2B	30.3B	32.0B	218	1 290	288	66.5	39.4	23.9	80.0	34.0B	1
2	88.0B	41.7B	31.2B	32.8B	244	1 110	260	65.4	50.5	28.0	73.9	34.0B	2
3	89.0B	41.0B	31.6B	33.9B	276	937	234	62.1	53.1	42.1	69.9	34.5B	3
4	89.2B	41.2B	31.1B	35.0B	352	933	227	57.0	46.2	43.6	66.2	35.5B	4
5	89.9B	41.7B	30.9B	36.5B	448	919	206	53.0	38.1	37.8	56.0B	36.7B	5
6	88.5B	42.3B	30.5B	38.3B	573	796	188	54.0	34.7	35.2	49.0B	36.9B	6
7	87.0B	42.5B	30.2B	40.0B	515	717	189	54.3	33.2	32.2	49.0B	36.4B	7
8	85.5B	42.2B	30.0B	42.5B	425	704	182	55.5	33.4	31.7	50.0B	35.8B	8
9	83.8B	42.0B	29.8B	46.0B	366	676	180	53.3	34.4	103	48.0B	35.0B	9
10	81.5B	42.0B	29.7B	49.2B	357	638	172	49.1	34.9	269	45.5B	34.3B	10
11	80.2B	40.0B	29.3B	54.0B	401	641	159	47.3	32.8	177	44.5B	34.2B	11
12	79.7B	37.5B	29.0B	60.0B	379	706	154	48.0	32.2	116	45.0B	34.0B	12
13	78.7B	35.5B	28.8B	67.5B	339	699A	149	49.5	30.8	94.1	48.0B	34.2B	13
14	77.0B	34.7B	28.5B	78.0B	324	636A	145	52.6	29.6	89.9	50.5B	34.7B	14
15	75.0B	34.2B	28.2B	92.5B	338	623	129	54.2	28.1	80.8	50.2B	34.8B	15
16	73.0B	33.8B	27.8B	110 B	366	608	117	51.5	28.1	70.0	47.0B	34.0B	16
17	71.5B	32.5B	27.6B	141 B	408	558	106	48.3	29.4	63.1	43.5B	33.0B	17
18	70.5B	31.5B	27.4B	170	447	505	102	46.7	28.7	58.6	40.0B	31.9B	18
19	70.2B	30.2B	27.5B	226	468	462	96.2	44.5	27.5	55.4	37.8B	30.2B	19
20	70.0B	29.2B	27.8B	283	497	428	89.6	40.9	26.6	56.6	36.5B	29.3B	20
21	70.5B	27.7B	28.0B	361	549	413	86.9	40.0	26.9	57.6	35.7B	28.5B	21
22	72.0B	26.7B	28.3B	384	536	428	83.8	39.4	26.1	54.6	35.9B	28.2B	22
23	71.9B	26.3B	29.0B	375	511	457	83.2	41.9	23.7	53.9	36.2B	28.3B	23
24	70.8B	26.2B	29.8B	378	522	416	82.1	45.3	22.9	57.8	35.5B	28.8B	24
25	69.0B	26.3B	29.9B	393	584	370	81.7	41.4	24.2	85.3	34.3B	29.0B	25
26	66.5B	26.7B	30.0B	356	685	350	82.6	36.2	25.9	102	33.9B	29.1B	26
27	63.0B	26.9B	30.0B	301	714	357	80.8	32.7	26.0	93.3	35.7B	29.0B	27
28	57.0B	27.9B	30.1B	252	754	329	78.0	30.4	25.0	97.5	36.4B	28.0B	28
29	51.0B		30.3B	218	809	300	74.7	29.5	23.5	117	35.9B	27.8B	29
30	46.5B		30.7B	206	889	279	69.0	28.7	22.1	109	34.8B	27.8B	30
31	44.2B		31.2B		1 100		66.9	31.0		91.7		27.9B	31
TOTAL	2 299.1	972.6	914.7	4 892.2	15 394	18 285	4 242.5	1 450.2	938.0	2 427.7	1 384.8	995.8	TOTAL
MEAN	74.2	34.7	29.5	163	497	610	137	46.8	31.3	78.3	46.2	32.1	MEAN
MAX	89.9	42.5	31.6	393	1 100	1 290	288	66.5	53.1	269	80.0	36.9	MAX
MIN	44.2	26.2	27.4	32.0	218	279	66.9	28.7	22.1	23.9	33.9	27.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 1 290 ON JUN 01
MINIMUM DAILY, 22.1 ON SEP 30
MAXIMUM INSTANTANEOUS
1 320 AT 10:39 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 41 N
LONG 122 54 17 W
DRAINAGE AREA, 4 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	199 000	JUL	367 000
FEB	84 000	AUG	125 000
MAR	79 000	SEP	81 000
APR	423 000	OCT	210 000
MAY	1 330 000	NOV	120 000
JUN	1 580 000	DEC	86 000

TOTAL DISCHARGE, 4 680 000 dam³

PASAYTEN RIVER ABOVE CALCITE CREEK - STATION NO. 08NL069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50B	1.60B	1.80B	2.94	13.3	39.0	29.2	6.56	4.04	1.44	2.80	9.83	1
2	2.35B	1.68B	1.77B	4.08	13.9	32.6	26.4	6.26	3.64	1.53	2.43	9.20	2
3	2.30B	1.68B	1.78B	5.26	14.9	37.3	24.0	5.69	3.30	1.65	2.53	8.81	3
4	2.48B	1.58B	1.85B	5.75	16.9	38.7	21.1	5.52	3.12	4.54	2.79	8.36	4
5	2.65B	1.48B	1.88B	6.20	23.0	32.7	21.9	5.37	2.92	5.99	2.87	8.46	5
6	2.85B	1.50B	1.82B	7.00	31.7	31.6	25.7	5.04	2.78	3.99	2.11	7.57	6
7	3.00B	1.52B	1.78B	8.04	26.3	32.2	21.8	4.71	2.64	3.07	2.64	7.31	7
8	2.70B	1.58B	1.72B	8.85	22.7	30.2	19.5	4.28	2.52	2.70	2.49	7.63	8
9	2.50B	1.61B	1.66B	8.60	20.5	30.0	19.2	4.03	2.38	2.65	8.53	7.48	9
10	2.30B	1.62B	1.60B	8.11	19.5	40.0	18.3	3.80	2.27	2.95	34.0	6.96	10
11	2.10B	1.58B	1.55B	8.36	20.1	35.8	18.4	3.88	2.21	2.77	26.4	5.98	11
12	2.30B	1.48B	1.50B	9.14	20.1	30.5	19.3	3.83	2.16	2.65	19.4	5.20B	12
13	2.60B	1.38B	1.42B	9.50	20.1	28.2	18.0	3.58	2.12	2.59	21.2	5.30B	13
14	2.48B	1.28B	1.33B	10.2	19.5	27.5	16.0	3.39	2.01	2.45	18.1	5.40B	14
15	2.35B	1.12B	1.32B	12.2	18.8	28.2	14.6	3.29	2.06	2.50	14.2	5.45B	15
16	2.27B	1.15B	1.33B	14.6	18.5	34.1	14.0	3.30	2.25	2.55	12.2	5.20B	16
17	1.70B	1.22B	1.39	16.3	18.2	36.5	12.4	3.26	2.27	2.35	10.9	4.40B	17
18	1.40B	1.40B	1.49	17.9	18.1	39.4	11.1	3.29	2.17	2.47	9.55	3.70B	18
19	1.70B	1.48B	1.72	18.0	17.8	38.8	10.2	5.66	1.97	2.34	9.17	3.10B	19
20	2.00B	1.50B	1.76	18.7	17.9	40.9	9.45	3.97	1.91	2.25	8.64	2.60B	20
21	2.30B	1.60B	1.81	21.9	17.6	43.9	8.96	4.33	1.84	2.25	8.13	2.15B	21
22	2.20B	1.90B	1.78	22.5	18.9	49.7	8.80	6.70	1.80	2.38	9.22	2.25B	22
23	1.90B	2.18B	1.87	22.6	20.8	51.7	8.68	4.83	1.69	2.27	13.5	2.45B	23
24	1.82B	2.10B	1.96	22.2	20.2	51.0	8.78	4.13	1.66	2.08	42.0	2.65B	24
25	1.72B	2.05B	1.95	19.9	19.1	46.7	9.36	4.22	1.63	2.26	30.1	2.90B	25
26	1.78B	2.00B	1.88	17.9	19.0	39.8	10.8	4.12	1.55	4.32	18.4	3.10B	26
27	1.83B	1.96B	1.97	16.6	20.5	35.0	9.19	3.59	1.54	3.56	15.1	3.30B	27
28	1.80B	1.90B	2.10	15.6	28.2	30.9	8.58	3.24	1.54	3.56	13.1	2.60B	28
29	1.68B		2.25	14.3	44.0	29.4	7.54	3.20	1.50	3.48	12.2	2.20B	29
30	1.55B		2.29	13.3	47.0	31.0	7.20	4.16	1.47	3.24	10.8	2.40B	30
31	1.57B		2.53		45.9		6.92	4.35		3.05		2.55B	31
TOTAL	66.76	45.13	54.86	386.53	688.0	1 093.3	465.36	137.58	66.90	87.88	385.50	156.49	TOTAL
MEAN	2.15	1.61	1.77	12.9	22.2	36.4	15.0	4.44	2.23	2.83	12.9	5.05	MEAN
MAX	3.00	2.18	2.53	22.6	45.9	51.7	29.2	6.70	4.04	5.99	42.0	9.83	MAX
MIN	1.40	1.12	1.32	2.94	13.3	27.5	6.92	3.20	1.47	1.44	2.11	2.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.96
MAXIMUM DAILY, 51.7 ON JUN 23
MINIMUM DAILY, 1.12B ON FEB 15
MAXIMUM INSTANTANEOUS,
55.2 AT 03:04 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 56 N
LONG 120 34 36 W
DRAINAGE AREA, 562 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 770	JUL	40 200
FEB	3 900	AUG	11 900
MAR	4 740	SEP	5 780
APR	33 400	OCT	7 590
MAY	59 400	NOV	33 300
JUN	94 500	DEC	13 500

TOTAL DISCHARGE, 314 000 dam³

PATSY CREEK NEAR THE MOUTH - STATION NO. 08DB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.164	0.035B	0.031B	0.056B	0.382	0.975	0.578	0.017	0.077	0.779	0.119	0.066B	1
2	0.151	0.033B	0.031B	0.066B	0.575	0.957	0.291	0.016	0.058	0.478	0.118	0.068B	2
3	0.142	0.031B	0.031B	0.074B	0.914	1.31	0.191	0.016	0.050	0.260	0.114	0.072B	3
4	0.130	0.028B	0.032B	0.079B	0.966	0.974	0.159	0.016	0.050	0.176	0.123	0.076B	4
5	0.129	0.027B	0.032B	0.076B	1.24	0.728	0.126	0.015	0.063	0.135	0.109	0.089	5
6	0.123	0.027B	0.032B	0.074B	1.06	0.742	0.102	0.015	0.056	0.109	0.106	0.167	6
7	0.117	0.026B	0.032B	0.073B	0.577	0.696	0.086	0.015	0.050	0.328	0.108	0.675	7
8	0.107	0.026B	0.032B	0.072B	0.576	0.705	0.099	0.015	0.047	1.17	0.104	0.343	8
9	0.102	0.026B	0.033B	0.070B	0.679	0.658	0.093	0.015	0.039	0.526	0.108	0.195	9
10	0.096	0.025B	0.033B	0.070B	0.802	0.607	0.286	0.015	0.036	0.268	0.105	0.167	10
11	0.086	0.025B	0.033B	0.072B	0.862	0.458	0.155	0.015	0.031	0.183	0.104	0.133	11
12	0.084	0.025B	0.033B	0.079	0.772	0.442	0.111	0.014	0.028	0.207	0.106	0.106	12
13	0.078	0.025B	0.033B	0.107	0.785	0.619	0.090	0.013	0.025	0.245	0.106	0.094	13
14	0.079	0.025B	0.033B	0.174	1.01	0.555	0.079	0.013	0.022	0.193	0.101	0.099	14
15	0.075	0.025B	0.034B	0.264	0.899	0.366	0.073	0.024	0.021	0.160	0.091	0.089	15
16	0.067	0.025B	0.035B	0.360	0.903	0.310	0.066	0.026	0.022	0.132	0.091	0.082	16
17	0.062B	0.025B	0.037B	0.492	0.909	0.261	0.062	0.022	0.019	0.117	0.094	0.078B	17
18	0.058B	0.025B	0.039B	0.541	0.764	0.260	0.055	0.020	0.027	0.103	0.090	0.070B	18
19	0.056B	0.025B	0.040B	0.620	0.743	0.314	0.050	0.018	0.032	0.094	0.082	0.064B	19
20	0.054B	0.025B	0.042B	0.566	0.973	0.321	0.046	0.016	0.053	0.087	0.078	0.057B	20
21	0.052B	0.025B	0.046B	0.463	0.990	0.401	0.041	0.016	0.075	0.090	0.075	0.054B	21
22	0.052B	0.025B	0.046B	0.439	0.818	0.274	0.036	0.015	0.062	0.089	0.072B	0.052B	22
23	0.050B	0.026B	0.045B	0.348	0.877	0.237	0.033	0.015	0.060	0.886	0.070B	0.050B	23
24	0.050B	0.027B	0.045B	0.296	0.831	0.180	0.030	0.013	0.160	1.53	0.069B	0.049B	24
25	0.049B	0.028B	0.044B	0.261	0.967	0.161	0.027	0.011	0.161	0.463	0.068B	0.048B	25
26	0.048B	0.029B	0.044B	0.309	1.08	0.224	0.024	0.011	0.104	0.260	0.067B	0.048B	26
27	0.048B	0.030B	0.044B	0.361	1.26	0.192	0.022	0.012	0.077	0.222	0.066B	0.048B	27
28	0.046B	0.030B	0.044B	0.318	1.44	0.197	0.021	0.013	0.757	0.180	0.066B	0.047B	28
29	0.043B		0.045B	0.320	1.30	0.205	0.020	0.014	1.25	0.156	0.066B	0.047B	29
30	0.040B		0.046B	0.362	1.18	0.423	0.019	0.042	1.25	0.142	0.066B	0.047B	30
31	0.038B		0.052B		0.952		0.018	0.115		0.132		0.046B	31
TOTAL	2.476	0.754	1.179	7.462	28.086	14.752	3.089	0.611	4.762	9.900	2.742	3.326	TOTAL
MEAN	0.080	0.027	0.038	0.249	0.906	0.492	0.100	0.020	0.159	0.319	0.091	0.107	MEAN
MAX	0.164	0.035	0.052	0.620	1.44	1.31	0.578	0.115	1.25	1.53	0.123	0.675	MAX
MIN	0.038	0.025	0.031	0.056	0.382	0.161	0.018	0.011	0.019	0.087	0.066	0.046	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.217
MAXIMUM DAILY, 1.53 ON OCT 24
MINIMUM DAILY, 0.011 ON AUG 25
MAXIMUM INSTANTANEOUS,
3.23 AT 20:51 PST ON OCT 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 08 N
LONG 129 24 37 W
DRAINAGE AREA, 4.68 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	214	JUL	267
FEB	65.1	AUG	52.8
MAR	102	SEP	411
APR	645	OCT	855
MAY	2 430	NOV	237
JUN	1 270	DEC	287

TOTAL DISCHARGE, 6 840 dam³

PAUL CREEK AT THE OUTLET OF PINANTAN LAKE - STATION NO. 08LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.208E	0.096B	0.106	0.212	0.407	0.797	0.679	0.220E	0.014	0.025	0.029	0.115	1
2	0.208E	0.100B	0.107	0.229	0.407	0.841	0.671	0.213E	0.014E	0.029	0.039E	0.115E	2
3	0.208	0.105B	0.106	0.250	0.422	0.871	0.667	0.208E	0.013E	0.034	0.048	0.115	3
4	0.208	0.110B	0.107	0.270E	0.422	0.930	0.656	0.202E	0.013	0.038	0.043	0.114	4
5	0.200	0.115B	0.096	0.281	0.432	0.983	0.627	0.196E	0.016	0.043	0.044	0.112	5
6	0.189	0.120B	0.094	0.286	0.417	1.02	0.686	0.192E	0.017	0.034	0.045	0.107	6
7	0.185	0.124B	0.089	0.290	0.407	1.04	0.782	0.189	0.010	0.037E	0.212	0.103	7
8	0.177	0.126	0.100	0.303	0.402	1.04	0.805E	0.171	0	0.039	0.212	0.100	8
9	0.174	0.121	0.103	0.312	0.397	1.05	0.827	0.158	0 E	0.041	0.157	0.105E	9
10	0.170E	0.116	0.103	0.316	0.382	1.05	0.797	0.148E	0	0.041	0.159	0.109	10
11	0.166	0.122	0.100E	0.321	0.382	1.12	0.740E	0.137	0	0.039	0.156	0.109	11
12	0.163	0.125	0.097	0.330	0.377	1.30	0.708	0.110E	0	0.043	0.156	0.107	12
13	0.159	0.115	0.097	0.334	0.384E	1.59	0.649	0.093	0	0.041	0.156	0.106	13
14	0.155E	0.113E	0.099	0.334	0.392	1.71	0.613	0.086	0	0.029E	0.156	0.106	14
15	0.152	0.112	0.100	0.344	0.394	1.70	0.553	0.078	0	0.010	0.152	0.103	15
16	0.152	0.115	0.094	0.346	0.387	1.69	0.530	0.070	0.002	0.016	0.149	0.100B	16
17	0.142	0.110E	0.092	0.346	0.387	1.58	0.497	0.070	0.001	0.166	0.146	0.098B	17
18	0.144E	0.105E	0.093E	0.351	0.382	1.52	0.458	0.068	0.001	0.159	0.135	0.097B	18
19	0.146	0.103	0.094	0.358	0.402	1.45	0.432	0.068	0.001	0.159	0.135	0.096B	19
20	0.139	0.100	0.099	0.358	0.420E	1.43	0.407	0.072	0.002	0.132	0.132	0.093B	20
21	0.134E	0.100	0.108	0.358	0.437	1.39	0.387	0.078	0.002	0.103E	0.129	0.092B	21
22	0.127	0.097	0.132	0.354E	0.453	1.30	0.353	0.083	0.002	0.075	0.125	0.092B	22
23	0.128E	0.097	0.146	0.348	0.460E	1.24	0.330	0.068	0.008E	0.056	0.124	0.093B	23
24	0.130	0.097	0.156	0.358	0.466	1.18	0.318E	0.062	0.014	0.036	0.125	0.094B	24
25	0.125	0.100	0.160E	0.372	0.503	1.08	0.301	0.054	0.017	0.030	0.128E	0.095B	25
26	0.122	0.100	0.166	0.382	0.511	1.02	0.290	0.060	0.022	0.029	0.132	0.092B	26
27	0.118	0.103	0.170	0.407	0.566	0.970E	0.281	0.052	0.021	0.029	0.125	0.090B	27
28	0.112B	0.103	0.177E	0.407	0.593	0.938	0.259	0.040	0.020	0.029E	0.118	0.087B	28
29	0.108B		0.185	0.407	0.649	0.816	0.233	0.030	0.022	0.029	0.115	0.085B	29
30	0.102B		0.212	0.407	0.708	0.760	0.229	0.023	0.023	0.027	0.115	0.082B	30
31	0.096B		0.225		0.760		0.225	0.014		0.027		0.080B	31
TOTAL	4.747	3.050	3.813	9.971	14.108	35.406	15.990	3.313	0.255	1.625	3.697	3.092	TOTAL
MEAN	0.153	0.109	0.123	0.332	0.455	1.18	0.516	0.107	0.009	0.052	0.123	0.100	MEAN
MAX	0.208	0.126	0.225	0.407	0.760	1.71	0.827	0.220	0.023	0.166	0.212	0.115	MAX
MIN	0.096	0.096	0.089	0.212	0.377	0.760	0.225	0.014	0	0.010	0.029	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.271
MAXIMUM DAILY, 1.71 ON JUN 14
MINIMUM DAILY, 0 ON SEP 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 43 30 N
LONG 120 01 58 W
DRAINAGE AREA, 55.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	410	JUL 1	380
FEB	264	AUG	286
MAR	329	SEP	22.0
APR	861	OCT	140
MAY 1	220	NOV	319
JUN 3	060	DEC	267

TOTAL DISCHARGE, 8 560 dam³

PAVILION CREEK ABOVE DIVERSIONS - STATION NO. 08MD028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.080E	0.143	1.13 E	0.936	0.364	0.163	0.111A	---	---	1
2	---	---	---	0.083E	0.168	1.10 E	0.979	0.341	0.162	---	---	---	2
3	---	---	---	0.085E	0.166	1.05 E	0.957	0.329	0.156	---	---	---	3
4	---	---	---	0.086E	0.179	1.04 A	0.927	0.319	0.152	---	---	---	4
5	---	---	---	0.084E	0.200	1.04	0.911	0.295	0.149	---	---	---	5
6	---	---	---	0.085E	0.217	1.02	1.00	0.286	0.146	---	---	---	6
7	---	---	---	0.088E	0.227	1.01	1.04	0.271	0.143	---	---	---	7
8	---	---	---	0.093E	0.235	1.00	1.03	0.258	0.139	---	---	---	8
9	---	---	---	0.099E	0.238	0.984	1.01	0.239	0.142	---	---	---	9
10	---	---	---	0.107E	0.239	0.992	0.984	0.232	0.139	---	---	---	10
11	---	---	---	0.106E	0.242	1.01	0.970	0.223	0.139	---	---	---	11
12	---	---	---	0.100E	0.236	1.00	0.955	0.211	0.139	---	---	---	12
13	---	---	---	0.102E	0.250	1.02	0.872	0.207	0.136	---	---	---	13
14	---	---	---	0.103E	0.249	1.03	0.805	0.212	0.133	---	---	---	14
15	---	---	---	0.101E	0.254	1.05	0.793	0.205	0.129	---	---	---	15
16	---	---	---	0.105E	0.258	1.05	0.781	0.206	0.154	---	---	---	16
17	---	---	---	0.110E	0.289	1.06	0.744	0.206	0.140	---	---	---	17
18	---	---	---	0.114A	0.318	1.06	0.724	0.208	0.137	---	---	---	18
19	---	---	---	0.117	0.315	1.06	0.697	0.201	0.127	---	---	---	19
20	---	---	---	0.126	0.325	1.08	0.666	0.193	0.126	---	---	---	20
21	---	---	---	0.130	0.336	1.05	0.644	0.191	0.126	---	---	---	21
22	---	---	---	0.131	0.340	1.05	0.614	0.198	0.124	---	---	---	22
23	---	---	---	0.140	0.346	1.04	0.585	0.198	0.122	---	---	---	23
24	---	---	---	0.149	0.369	1.03	0.579	0.190	0.116	---	---	---	24
25	---	---	---	0.142	0.433	1.02	0.543	0.185	0.113	---	---	---	25
26	---	---	---	0.140	0.459	1.00	0.512	0.190	0.112	---	---	---	26
27	---	---	---	0.134	0.475	0.988	0.471	0.184	0.112	---	---	---	27
28	---	---	---	0.130	0.800E	0.975	0.460	0.178	0.110	---	---	---	28
29	---	---	---	0.129	1.16 E	0.961	0.432	0.177	0.108	---	---	---	29
30	---		---	0.132	1.18 E	0.936	0.399	0.176	0.105	---	---	---	30
31	---		---		1.17 E		0.395	0.170		---		---	31
TOTAL	---	---	---	3.331	11.816	30.836	23.415	7.043	3.999	---	---	---	TOTAL
MEAN	---	---	---	0.111	0.381	1.03	0.755	0.227	0.133	---	---	---	MEAN
MAX	---	---	---	0.149	1.18	1.13	1.04	0.364	0.163	---	---	---	MAX
MIN	---	---	---	0.080	0.143	0.936	0.395	0.170	0.105	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.18E ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 41 N
LONG 121 43 04 W
DRAINAGE AREA, 37.1 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 2	020
FEB	---	AUG	609
MAR	---	SEP	346
APR	288	OCT	---
MAY 1	020	NOV	---
JUN 2	660	DEC	---

PEACE RIVER ABOVE ALCES RIVER - STATION NO. 07FD010

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.589	3.261	5.195	2.703	2.505	2.674	2.982	3.190	2.156	1
2	---	---	---	3.477	3.330	6.208	2.797	2.421	2.559	3.175	3.243	2.620	2
3	---	---	---	4.827	3.064	6.264	3.087	1.950	2.546	3.317	3.414	2.420	3
4	---	---	---	4.834	2.983	7.087	3.343	1.699	2.464	3.257	3.499	3.588	4
5	---	---	---	3.066	3.132	7.018	3.313	1.480	2.669	3.168	3.564	3.444	5
6	---	---	---	2.980	3.123	7.456	3.375	1.499	2.601	3.297	3.582	3.436	6
7	---	---	---	2.791	3.274	7.511	3.407	1.820	2.738	3.253	3.608	3.387	7
8	---	---	---	2.683	3.960	7.523	3.036	2.477	2.675	3.255	3.558	3.480	8
9	3.344A	---	---	2.557	4.074	7.520	2.677	2.675	2.202	3.257	---	3.487	9
10	3.268	---	---	3.161	3.880	7.816	2.938	2.776	2.396	3.360	---	3.491	10
11	3.257	---	---	3.238	3.799	7.880	2.893	2.758	2.975	3.336	---	3.493	11
12	3.226	---	---	3.226	3.780	5.855	3.162	2.206	3.357	3.124	---	3.495	12
13	3.224	---	---	2.911	3.233	4.736	3.341	2.318	3.277	3.396	2.640A	3.493	13
14	3.185	---	---	2.598	3.184	5.318	3.191	2.382	3.266	3.387	2.724	3.491	14
15	3.164	---	---	2.972	3.661	5.496	2.879	2.233	3.312	3.382	3.031	3.493	15
16	3.217	---	2.422A	2.957	3.666	4.889	2.432	2.562	3.309	3.360	3.141	3.467	16
17	3.192	---	2.625	2.855	3.882	4.539	2.630	2.745	3.247	3.288	3.066	3.479	17
18	3.244	---	2.565	2.348	3.846	4.305	2.692	2.521	2.902	3.272	3.084	3.386A	18
19	3.237	---	2.312	1.894	3.960	4.216	2.636	1.772	2.893	3.282	3.193	---	19
20	3.240	---	3.167	2.606	3.662	3.641	2.643	1.797	2.841	3.151	3.268	---	20
21	3.161	---	3.234	3.056	3.742	3.712	2.720	1.922	2.985	3.376	3.260	---	21
22	3.167	---	3.432	3.075	4.050	3.602	2.516	2.155	2.996	3.328	3.225	---	22
23	3.250	---	3.115	3.251	3.955	3.583	2.305	2.183	2.957	3.289	2.609	---	23
24	3.249	---	3.131	3.605	4.069	3.180	2.506	2.217	2.847	3.352	2.065	---	24
25	3.258	---	3.232	3.525	3.883	3.121	2.557	1.933	2.884	3.375	1.674	---	25
26	3.222	---	3.602	3.529	3.748	3.578	2.791	1.467	3.022	3.376	1.817	---	26
27	3.236	---	3.461	3.442	4.509	3.599	2.757	1.412	3.095	3.418	2.915	---	27
28	3.209	---	3.179	3.516	4.559	3.689	2.912	2.101	3.097	3.260	3.302	---	28
29	3.116		2.898	3.424	4.458	3.477	2.492	2.738	3.064	3.114	3.336	---	29
30	3.060A		3.198	3.248	4.429	3.465	2.186	2.873	3.077	3.226	2.701	---	30
31	3.036A		3.075		4.670		2.524	2.806		3.205		---	31
MEAN	---	---	---	3.041	3.769	5.183	2.821	2.197	2.891	3.278	---	---	MEAN
MAX	---	---	---	3.605	4.670	7.880	3.407	2.873	3.357	3.418	---	---	MAX
MIN	---	---	---	1.894	2.983	3.121	2.186	1.412	2.202	2.982	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.880 ON JUN 11

MAXIMUM INSTANTANEOUS,
8.113 AT 21:33 PST ON JUN 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 07 32 N
LONG 120 03 32 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

DRAINAGE AREA,
118 000 km²

PEACE RIVER ABOVE PINE RIVER - STATION NO. 07FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 430E	1 490E	1 300	800	1 080	1 870	709	796	991	1 440	1 490	1 820E	1
2	1 510E	1 500E	1 440	1 030	1 040	2 510	787	650	908	1 570	1 630	1 810E	2
3	1 610E	1 530E	1 340	1 380	785A	1 960	834	601	976	1 570	1 760	1 830E	3
4	1 610E	1 580E	962	1 270	951A	1 450	798	493	1 030	1 520	1 680	1 780E	4
5	1 590E	1 580E	973	1 120	831A	1 340	790	435	1 060	1 590	1 920	1 730E	5
6	1 570E	1 590E	1 290	1 040	1 000E	1 060	1 040	556	1 090	1 570	1 920	1 650E	6
7	1 610E	1 620E	913	945	1 160A	1 320	966	757	1 170	1 560	1 970	1 680E	7
8	1 630E	1 600E	1 000	866	1 500	1 440	699	977	859	1 560	1 930	1 660E	8
9	1 660E	1 430E	1 030	1 010	1 640	1 460	694	1 100	934	1 620	1 880	1 720E	9
10	1 680A	1 440E	1 050	1 350	1 440	1 110	833	1 210	1 030	1 680	1 850	1 780E	10
11	1 640E	1 420E	870A	1 510	1 520	1 180	899	906	1 490	1 410	1 710	1 780E	11
12	1 600E	1 500E	913	1 400	1 290	1 880	1 250	768	1 520	1 630	1 510	1 760E	12
13	1 600	1 540E	996	1 070	843	2 330	1 270	961	1 650	1 650	1 070	1 740E	13
14	1 570	1 570E	805A	1 090	1 050	2 560	1 060	769	1 530	1 680	1 190	1 730E	14
15	1 590	1 560E	777A	1 260	1 380	1 770	850	841	1 600	1 660	1 440A	1 730E	15
16	1 580	1 530E	774A	1 260	1 400	1 530	734	1 080	1 590	1 600	1 470E	1 740E	16
17	1 620	1 500E	846A	1 130	1 670	1 320	883	1 040	1 480	1 560	1 430E	1 760E	17
18	1 650	1 470E	766A	874A	1 560	1 620	853	841	1 190	1 550	1 390E	1 780E	18
19	1 640	1 430E	1 120A	958A	1 680	1 360	878	513	1 180	1 570	1 450E	1 800E	19
20	1 590	1 390E	1 180	908	1 020	1 120	865	594	1 180	1 520	1 500E	1 790E	20
21	1 600	1 370E	1 440	1 140	1 400	1 190	858	687	1 320	1 700	1 510E	1 810E	21
22	1 620	1 350E	1 260	974	1 580	1 210	813	850	1 280	1 540	1 160E	1 820E	22
23	1 640	1 330E	1 510	1 240	1 500	999	779	830	1 230	1 660	1 030E	1 820E	23
24	1 660	1 340E	1 530	1 440	1 730	788	838	715	1 300	1 650	970E	1 750E	24
25	1 630E	1 280E	1 270	1 240	1 160	984	972	621	1 170	1 660	1 330E	1 700E	25
26	1 590E	1 250E	1 120	1 050	846	1 450	1 020	405	1 370	1 710	1 600E	1 680E	26
27	1 520E	1 210A	1 250	1 200	1 100	1 430	1 030	465	1 400	1 650	1 610E	1 700E	27
28	1 530E	1 290	1 360	1 350	1 080	1 450	1 020	853	1 390	1 430	1 590E	1 730E	28
29	1 540E		1 310	1 270	1 060	1 350	685	1 200	1 380	1 410	1 650E	1 760E	29
30	1 520E		1 070	1 270	1 110	1 210	796	1 230	1 280	1 500	1 750E	1 740E	30
31	1 500E		1 060		1 260		909	1 150		1 470		1 700E	31
TOTAL	49 330	40 590	34 525	34 445	38 666	44 251	27 412	24 894	37 578	48 890	46 590	54 280	TOTAL
MEAN	1 590	1 450	1 110	1 150	1 250	1 480	884	803	1 250	1 580	1 550	1 750	MEAN
MAX	1 680	1 620	1 530	1 510	1 730	2 560	1 270	1 230	1 650	1 710	1 970	1 830	MAX
MIN	1 430	1 210	766	800	785	783	685	405	859	1 410	970	1 650	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 320
MAXIMUM DAILY, 2 560 ON JUN 14
MINIMUM DAILY, 405 ON AUG 26
MAXIMUM INSTANTANEOUS,
3 230 AT 13:57 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 11 58 N
LONG 120 48 42 W
DRAINAGE AREA, 83 900 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 260 000	JUL	2 370 000
FEB	3 510 000	AUG	2 150 000
MAR	2 980 000	SEP	3 250 000
APR	2 980 000	OCT	4 220 000
MAY	3 340 000	NOV	4 030 000
JUN	3 820 000	DEC	4 690 000

TOTAL DISCHARGE, 41 600 000 dam³

PEACE RIVER AT HUDSON HOPE - STATION NO. 07EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 030	1 500A	1 270	761	921	520	442	572	823	1 440	1 460E	1 680	1
2	1 390	1 500E	1 410	1 170	574	390	367	505	925	1 530	1 480E	1 660	2
3	1 500	1 510E	1 050	1 260	437	413	396	372	879	1 470	1 520E	1 640	3
4	1 560	1 530E	768	1 110	524	587	378	250	1 060	1 430	1 560E	1 620	4
5	1 520	1 540E	1 320	1 010	383	309	624	367	1 080	1 520	1 620E	1 610	5
6	1 510	1 550E	933	874	380	454	778	483	1 030	1 550E	1 670A	1 530	6
7	1 520	1 560E	952	870	923	649	591	904	1 160	1 580A	1 770A	1 620	7
8	1 510	1 560A	1 000	779	1 340	838	371	1 020	725	1 470	1 790	1 640	8
9	1 530	1 340	1 080	1 230	1 340	734	599	1 020	840	1 560	1 760	1 650	9
10	1 550	1 390	731	1 240	1 130	514	617	1 040	1 140	1 540	1 690	1 650	10
11	1 530	1 270	818	1 380	1 190	735	864	712	1 610	825A	1 540	1 650	11
12	1 540	1 540	1 020	1 320	669	831	1 100	789	1 430	1 300E	1 230	1 650	12
13	1 530	1 510	791	898	550	1 020	1 000	813	1 480	1 560E	961	1 650	13
14	1 480	1 450	691	1 170	1 070	1 060	728	723	1 520	1 580A	1 210	1 660	14
15	1 520	1 530	621	1 170	1 070	1 040	506	912	1 530	1 480A	1 390	1 640	15
16	1 500	1 500	703	1 130	1 200	873	661	1 050	1 470	1 470E	1 320	1 640	16
17	1 520	1 410A	726	827	1 260	753	708	908	1 300	1 450E	1 260	1 640	17
18	1 540	1 380E	539	436	1 250	1 300	643	515	1 190	1 380E	1 320	1 690	18
19	1 560	1 350E	1 010	737	1 080	634	653	513	1 160	1 390E	1 410	1 730	19
20	1 480	1 340E	1 320	887	762	871	722	596	1 260	1 490E	1 460	1 740	20
21	1 490	1 320E	1 260	949	1 250	792	652	682	1 280	1 550A	1 420	1 760	21
22	1 520	1 300E	1 390	908	1 170	850	552	782	1 230	1 510	1 040	1 740	22
23	1 520	1 290A	1 420	1 230	1 170	483	710	748	1 160	1 590A	1 000	1 740	23
24	1 550	1 050	1 470	1 110	1 250	505	745	562	1 190	1 580E	1 220	1 730	24
25	1 520	1 100	1 090	993	481	990	897	355	1 270	1 590E	1 490	1 660	25
26	1 540	1 270	1 120	932	473	1 110	854	346	1 360	1 610E	1 580	1 650	26
27	1 510	1 230	1 280	1 090	375	1 210	1 010	636	1 350	1 530E	1 420	1 680	27
28	1 510	1 240	1 310	1 190	465	1 120	709	991	1 320	1 400E	1 500	1 700	28
29	1 540		961	996	498	1 050	588	1 180	1 330	1 400E	1 590	1 760	29
30	1 520		1 070	1 020	602	539	816	1 150	1 270	1 440E	1 650	1 730	30
31	1 500		812		629		821	1 030		1 430E		1 690	31
TOTAL	46 540	39 060	31 936	30 677	26 416	23 174	21 102	22 526	36 372	45 845	43 331	51 830	TOTAL
MEAN	1 500	1 400	1 030	1 020	852	772	681	727	1 210	1 480	1 440	1 670	MEAN
MAX	1 560	1 560	1 470	1 380	1 340	1 300	1 100	1 180	1 610	1 610	1 790	1 760	MAX
MIN	1 030	1 050	539	436	375	309	367	250	725	825	961	1 530	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 150
MAXIMUM DAILY, 1 790 ON NOV 08
MINIMUM DAILY, 250 ON AUG 04
MAXIMUM INSTANTANEOUS
2 070 AT 15:00 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 01 39 N
LONG 121 53 56 W
DRAINAGE AREA, 69 900 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 020 000	JUL	1 820 000
FEB	3 370 000	AUG	1 950 000
MAR	2 760 000	SEP	3 140 000
APR	2 650 000	OCT	3 960 000
MAY	2 280 000	NOV	3 740 000
JUN	2 000 000	DEC	4 480 000

TOTAL DISCHARGE, 36 200 000 dam³

PEACE RIVER NEAR TAYLOR - STATION NO. 07FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 650E	1 540	1 390	865	1 360	3 490	1 140	1 120	1 250	1 540	1 650	1 900	1
2	1 730E	1 550	1 510	593	1 220	4 280	1 230	902	1 090	1 700	1 780	1 870	2
3	1 730	1 600	1 330	1 490	1 010	3 310	1 260	852	1 190	1 720	1 870	1 900	3
4	1 680	1 720	931	1 430	980	2 620	1 340	730	1 190	1 670	1 950	1 870	4
5	1 710	1 860	1 310	1 250	1 050	2 880	1 350	658	1 280	1 710	1 990	1 850	5
6	1 610	1 840	1 120	1 200	1 100	2 390	1 510	706	1 270	1 730	1 970	1 750	6
7	1 670	2 000	1 040	1 160	1 300	2 370	1 490	888	1 380	1 710	2 010	1 870	7
8	1 730	1 810	1 110	989	1 990	2 420	1 220	1 200	1 140	1 710	2 020	1 760	8
9	1 720	1 720	1 180	1 260	2 090	2 460	1 110	1 290	1 130	1 750	1 970	1 900	9
10	1 730	1 820	884	1 440	1 910	2 180	1 300	1 440	1 190	1 800	1 870	1 900	10
11	1 740	1 660	920	1 680	1 930	2 120	1 310	1 200	1 560	1 620	1 760	1 910	11
12	1 660	1 620	1 100	1 580	1 840	2 920	1 570	953	1 770	1 800	1 510	1 900	12
13	1 670	1 700	919	989	1 310	3 190	1 690	1 180	1 760	1 830	1 510	1 900	13
14	1 630	1 740	800	1 120	1 350	4 300	1 510	1 010	1 690	1 800	1 160	1 880	14
15	1 680	1 710	781	1 220	1 740	3 410	1 270	1 060	1 740	1 800	1 700	1 870	15
16	1 670	1 670	833	1 280	1 800	3 000	1 070	1 300	1 730	1 760	1 630	1 870	16
17	1 670	1 590E	871	1 140	2 040	2 530	1 210	1 290	1 680	1 700	1 580	1 870	17
18	1 690	1 540E	684	671	2 020	2 510	1 160	1 130	1 400	1 690	1 500	1 880	18
19	1 710	1 500E	1 020	786	2 170	2 300	1 190	736	1 410	1 740	1 650	1 970	19
20	1 680	1 460E	1 330	989	1 760	1 860	1 150	802	1 380	1 640	1 710	1 960	20
21	1 630	1 430E	1 470	1 390	2 000	1 920	1 170	874	1 510	1 810	1 730	2 000	21
22	1 660	1 390E	1 410	1 150	2 260	1 890	1 130	1 030	1 470	1 700	1 210	1 960	22
23	1 720	1 360E	1 600	1 460	2 170	1 810	1 030	1 010	1 440	1 770	1 120	1 960	23
24	1 740	1 320E	1 610	1 720	2 340	1 540	1 130	1 000	1 420	1 790	956	1 980	24
25	1 720	1 230E	1 310	1 710	2 050	1 560	1 230	856	1 380	1 800	1 480	1 830	25
26	1 680	1 250A	1 190	1 160	1 930	1 940	1 320	670	1 540	1 830	1 770	1 870	26
27	1 650	1 360	1 310	1 170	2 430	1 920	1 280	664	1 570	1 820	1 770	1 820	27
28	1 510	1 360	1 420	1 360	2 320	1 960	1 140	1 010	1 570	1 650	1 700	1 760	28
29	1 540		1 470	1 130	2 330	1 800	970	1 360	1 540	1 590	1 820	1 830	29
30	1 510		1 120	1 520	2 430	1 720	1 010	1 410	1 500	1 690	1 870	1 810	30
31	1 490		1 200		2 770		1 170	1 360		1 650		1 780	31
TOTAL	51 610	44 350	36 173	36 902	57 000	77 600	38 860	31 691	43 170	53 520	50 216	58 180	TOTAL
MEAN	1 660	1 580	1 170	1 230	1 840	2 590	1 250	1 020	1 440	1 730	1 670	1 880	MEAN
MAX	1 740	2 000	1 610	1 720	2 770	5 190	1 690	1 440	1 770	1 830	2 020	2 000	MAX
MIN	1 490	1 230	684	593	980	1 540	970	658	1 090	1 540	956	1 750	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 590
MAXIMUM DAILY, 5 190 ON JUN 13
MINIMUM DAILY, 593 ON APR 02
MAXIMUM INSTANTANEOUS
5 330 AT 08:38 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 08 09 N
LONG 120 40 13 W
DRAINAGE AREA, 97 100 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 460 000	JUL	3 360 000
FEB	3 830 000	AUG	2 740 000
MAR	3 130 000	SEP	3 730 000
APR	3 190 000	OCT	4 620 000
MAY	4 920 000	NOV	4 340 000
JUN	6 700 000	DEC	5 030 000

TOTAL DISCHARGE, 50 100 000 dam³

PEMBERTON CREEK NEAR PEMBERTON - STATION NO. 08MG025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.309	0.158B	0.166	1.54	1.14	2.45	2.84	3.30E	1.71	0.883	---	---	1
2	0.210B	0.156B	0.166	1.97	1.52	2.28	2.41	2.65E	1.40	0.659	---	---	2
3	0.200B	0.155B	0.170	1.68	2.17	4.72	2.33	2.85E	1.46	0.932	---	---	3
4	0.220B	0.160B	0.169	1.41	3.36	3.35	2.15	3.05E	1.47	4.27	---	---	4
5	0.440B	0.165B	0.169	1.51	5.12	2.25	3.18	3.35E	1.58	1.79	---	0.874A	5
6	0.925B	0.160B	0.237	1.82	3.74	2.37	3.24	3.20E	1.78	0.870	---	---	6
7	1.25 B	0.152B	0.233	2.16	1.91	2.63	3.36	2.70E	1.91	0.667	---	---	7
8	1.05	0.150B	0.214	2.14	1.60	2.03	3.26	2.55E	2.20	0.939	---	---	8
9	0.748	0.145B	0.207	1.70	1.90	2.33	3.17	2.85E	2.14	0.741	---	---	9
10	0.570	0.143B	0.215	1.32	2.66	3.18	3.26	3.10E	2.05	0.785	---	---	10
11	0.380B	0.140B	0.197	1.32	2.81	2.40	3.64	3.35E	1.99	0.550	---	---	11
12	0.330B	0.138B	0.187	1.77	3.14	1.83	4.11	3.75E	1.86	0.556	---	---	12
13	0.280B	0.136B	0.185	1.81	2.74	2.04	4.04	3.30E	1.71	0.686	---	---	13
14	0.260B	0.135B	0.184	1.76	2.11	2.95	3.74	3.00E	1.90	0.468	3.39A	---	14
15	0.245B	0.136B	0.183	2.15	2.16	3.50	3.70	2.75E	1.48	0.368	---	---	15
16	0.232B	0.138B	0.198	2.87	2.47	3.19	3.36	2.45E	1.68	0.319	---	---	16
17	0.225B	0.140B	0.292	3.92	2.56	2.97	2.87	2.25E	1.44	0.299	---	0.315A	17
18	0.218B	0.142B	0.559	3.33	2.74	2.91	2.65	2.32E	1.32	0.347	---	0.305B	18
19	0.212B	0.144B	0.679	2.88	2.59	3.23	2.79	2.55E	1.34	0.359	---	0.298B	19
20	0.207B	0.145B	0.825	3.42	2.35	3.28	2.90	2.85E	1.29	0.305	---	0.290B	20
21	0.200B	0.145B	0.846	3.01	1.99	3.51	3.02	3.20E	1.65	0.359	---	0.280B	21
22	0.197B	0.145	0.680	2.32	2.72	4.57	3.24	3.05E	1.99	0.367	---	0.275B	22
23	0.194B	0.146	0.522	2.87	2.21	5.03	3.55	2.65E	2.01	0.328	---	0.272B	23
24	0.192A	0.157	0.431	3.00	1.86	3.57	3.16	2.15E	1.86	1.63	---	0.268B	24
25	0.210B	0.181	0.381	1.93	2.25	3.37	3.30	1.75E	1.83	---	---	0.260B	25
26	0.190B	0.175	0.340	1.47	2.29	3.06	3.50	1.50E	1.73	---	---	0.255B	26
27	0.180B	0.174	0.342	1.24	2.53	2.60	3.37	1.40E	1.63	---	---	0.250B	27
28	0.175B	0.167	0.383	0.993	3.76	2.47	3.42	1.45E	1.43	---	---	0.248B	28
29	0.168B		0.486	0.812	3.68	2.24	3.58A	1.51	1.56	---	---	0.244B	29
30	0.164B		0.757	0.818	3.01	3.04	3.70E	2.02	1.03	---	---	0.242B	30
31	0.160B		1.16		2.90		3.55E	2.09		---		0.238B	31
TOTAL	10.541	4.228	11.763	60.943	79.99	89.35	100.39	80.94	50.35	---	---	---	TOTAL
MEAN	0.340	0.151	0.380	2.03	2.58	2.98	3.24	2.61	1.68	---	---	---	MEAN
MAX	1.25	0.181	1.16	3.92	5.12	5.03	4.11	3.75	2.20	---	---	---	MAX
MIN	0.160	0.135	0.166	0.812	1.14	1.83	2.15	1.40	1.03	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.135B ON FEB 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 02 N
LONG 122 48 05 W
DRAINAGE AREA, 31.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	911	JUL	8 670
FEB	365	AUG	6 990
MAR	1 020	SEP	4 350
APR	5 270	OCT	---
MAY	6 910	NOV	---
JUN	7 720	DEC	---

PEND D'OREILLE RIVER BELOW INTERNATIONAL BOUNDARY - STATION NO. 08NE119

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	11.650	---	---	9.540	---	---	---	1
2	---	8.220	8.900	---	---	---	---	---	---	---	7.800	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	5.360	---	9.405	---	---	4
5	8.378	---	---	---	11.350	---	---	---	---	---	---	---	5
6	---	---	---	6.950	---	---	11.00	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	7.910	7
8	---	---	---	---	---	---	---	---	10.62	---	8.110	---	8
9	---	---	---	---	---	11.340	---	7.388	---	---	---	---	9
10	---	7.300	7.260	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	9.720	---	---	11
12	6.160	---	---	---	---	12.049	6.320	---	---	---	---	---	12
13	---	---	---	---	11.220	---	---	7.130	9.000	---	---	---	13
14	---	---	---	8.700	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	11.850	---	---	---	---	---	---	15
16	---	---	7.965	---	---	---	---	---	---	---	---	---	16
17	---	5.998	---	---	---	---	---	8.460	---	---	---	---	17
18	---	---	---	---	11.215	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	9.780	---	19
20	6.750	---	---	11.31	---	---	7.990	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	11.370	---	---	9.245	---	---	---	22
23	---	---	7.985	---	11.295	---	---	---	---	---	---	---	23
24	---	8.149	---	---	---	---	---	9.770	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	7.910	---	---	11.18	11.280	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	11.11	---	---	---	---	8.550	---	7.090	---	28
29	---		---	---	---	11.645	---	---	---	---	---	---	29
30	---		7.020	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 00 53 N
LONG 117 22 04 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1938

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PEND OREILLE RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	558	807	513	847	1 510	1 900	1 490	680	391	496	810	864	1
2	575	779	470	677	1 540	2 150	1 420	756	300	654	796	756	2
3	564	793	473	745	1 520	2 210	1 370	580	362	668	782	833	3
4	606	810	462	767	1 470	2 230	1 380	456	334	620	821	719	4
5	623	663	527	784	1 390	2 200	1 420	419	374	654	782	697	5
6	595	674	575	736	1 330	2 190	1 510	411	402	663	796	688	6
7	575	595	572	694	1 400	2 000	1 360	331	425E	663	801	765	7
8	609	575	646	762	1 380	1 920	1 300	297	481E	660	767	680	8
9	668	597	456	810	1 340	1 950	1 390	306	510E	665	759	680	9
10	365	685	402	883	1 350	1 930	1 210	479	467E	680	756	595	10
11	238	643	496	1 000	1 130	1 960	977	473	450	702	725	620	11
12	131	589	464	1 110	1 210	2 140	566	337	501	623	759	600	12
13	476	617	592	1 040	1 110	2 260	626	385	555	702	787	637	13
14	623	614	626	1 060	1 080	2 240	663	300	541	750	733	612	14
15	612	668	617	980	1 040	2 200	640	311	558	765	883	600	15
16	634	674	578	1 120	1 090	1 890	648	303	566	750	804	572	16
17	637	595	490	1 050	903	1 760	657	281	501	750	779	609	17
18	782	487	476	1 150	1 180	1 690	685	283	439	765	818	640	18
19	787	646	445	1 190	1 120	1 660	695	289	391	807	799	637	19
20	813	597	425	1 300	1 060	1 510	589	303	416	782	799	637	20
21	793	614	368	1 280	1 030	1 550	555	362	422	779	765	631	21
22	799	595	617	1 230	1 140	1 690	634	379	445	784	691	467	22
23	589	592	643	1 300	1 100	1 740	660	433	422	833	657	309	23
24	617	589	518	1 330	1 110	1 820	722	357	439	790	674	374	24
25	784	518	620	1 360	1 160	1 890	654	340	428	810	677	365	25
26	830	513	586	1 500	1 210	2 010	663	368	405	867	773	331	26
27	765	306	660	1 560	1 330	1 990	646	297	439	844	821	345	27
28	796	385	722	1 510	1 630	1 950	532	297	487	864	694	422	28
29	790		711	1 500	1 640	1 890	498	326	510	810	932	493	29
30	813		1 010	1 480	1 730	1 740	583	343	518	816	813	544	30
31	731		1 120		1 850		663	286		827		515	31
TOTAL	19 778	17 220	17 880	32 755	40 083	58 260	27 396	11 768	13 479	22 843	23 253	18 237	TOTAL
MEAN	638	615	577	1 090	1 290	1 940	884	380	449	737	775	588	MEAN
MAX	830	810	1 120	1 560	1 850	2 260	1 510	756	566	867	932	864	MAX
MIN	131	306	368	677	903	1 510	498	281	300	496	657	309	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 830
MAXIMUM DAILY, 2 260 ON JUN 13
MINIMUM DAILY, 131 ON JAN 12

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 59 56 N
LONG 117 21 09 W
DRAINAGE AREA, 65 300 km²

E - ESTIMATED
REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 710 000	JUL	2 370 000
FEB	1 490 000	AUG	1 020 000
MAR	1 540 000	SEP	1 160 000
APR	2 830 000	OCT	1 970 000
MAY	3 460 000	NOV	2 010 000
JUN	5 030 000	DEC	1 580 000

TOTAL DISCHARGE, 25 200 000 dam³

PENNASK CREEK NEAR QUILCHENA - STATION NO. 08LG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.209B	0.138B	0.151B	0.370B	1.46	4.46E	1.13	0.416	0.291	0.091	0.215B	0.272B	1
2	0.192B	0.145B	0.150B	0.461B	1.47	4.84E	1.17	0.344	0.239	0.086	0.224B	0.278B	2
3	0.205B	0.151B	0.152B	0.455B	1.69	4.80E	1.26	0.308	0.194	0.090	0.232B	0.290B	3
4	0.208B	0.147B	0.154B	0.447B	2.02	5.25E	1.05	0.282	0.172	0.100	0.230B	0.297B	4
5	0.212B	0.141B	0.149B	0.450B	2.74	4.85E	0.963	0.269	0.159	0.117	0.224B	0.282B	5
6	0.208B	0.132B	0.152B	0.465B	3.37	4.65E	1.36	0.228	0.138	0.130	0.220B	0.270B	6
7	0.212B	0.126B	0.160B	0.520B	2.35	4.96A	1.31	0.208	0.129	0.129	0.233B	0.261B	7
8	0.214B	0.132B	0.152B	0.585B	2.09	3.70	1.10	0.192	0.120	0.134	0.238B	0.250B	8
9	0.204B	0.147B	0.150B	0.565B	2.09	3.56	0.917	0.180	0.117	0.138	0.250B	0.242B	9
10	0.192B	0.152B	0.151B	0.525B	2.11	5.15	0.796	0.174	0.116	0.173	0.280B	0.248B	10
11	0.177B	0.137B	0.142B	0.585B	2.41	4.70	0.723	0.164	0.110	0.168	0.316B	0.263B	11
12	0.188B	0.121B	0.138B	0.790B	2.64	4.61	0.708	0.152	0.101	0.155	0.308B	0.251B	12
13	0.197B	0.108B	0.141B	0.835B	2.44	6.16	0.638	0.157	0.103	0.151	0.296B	0.232B	13
14	0.202B	0.116B	0.145B	0.790B	2.38	6.01	0.559	0.156	0.104	0.139	0.292B	0.258B	14
15	0.188B	0.122B	0.149B	0.940B	2.37	4.59	0.503	0.147	0.104	0.142	0.308B	0.248B	15
16	0.176B	0.115B	0.153B	1.19	2.40	3.89	0.476	0.128	0.116	0.145	0.300B	0.252B	16
17	0.167B	0.108B	0.164B	1.47	2.38	3.64	0.446	0.124	0.178	0.140	0.288B	0.262B	17
18	0.164B	0.117B	0.197B	1.65	2.58	3.28	0.419	0.131	0.210	0.151	0.280B	0.240B	18
19	0.168B	0.128B	0.192B	1.75	2.52	3.07	0.396	0.157	0.169	0.144	0.290B	0.227B	19
20	0.174B	0.142B	0.188B	2.08	2.59	2.83	0.373	0.156	0.142	0.174	0.286B	0.212B	20
21	0.182B	0.150B	0.189B	2.15	2.52	2.46	0.359	0.161	0.124	0.152	0.282B	0.202B	21
22	0.181B	0.154B	0.176B	2.08	2.89	2.21	0.331	0.204	0.117	0.150	0.300B	0.212B	22
23	0.180B	0.157B	0.171B	2.12	3.42	2.13	0.360	0.218	0.099	0.149	0.318B	0.223B	23
24	0.182B	0.160B	0.168B	2.19	4.00A	1.91	0.513	0.199	0.089	0.146	0.331B	0.237B	24
25	0.183B	0.150B	0.171B	1.77	4.08E	1.68	0.610	0.226	0.095	0.162	0.276B	0.250B	25
26	0.177B	0.146B	0.182B	1.57	4.20E	1.53	0.568	0.322	0.092	0.309	0.260B	0.239B	26
27	0.166B	0.148B	0.196B	1.35	4.00E	1.37	0.480	0.275	0.088	0.311	0.274B	0.220B	27
28	0.178B	0.151B	0.203B	1.29	3.80E	1.33	0.393	0.223	0.083	0.297	0.286B	0.203B	28
29	0.166B		0.212B	1.28	5.35E	1.44	0.347	0.193	0.084	0.267	0.295B	0.200B	29
30	0.162B		0.231B	1.26	4.60E	1.27	0.327	0.288	0.091	0.255	0.282B	0.214B	30
31	0.144B		0.270B		4.25E		0.502	0.314		0.219		0.223B	31
TOTAL	5.758	3.841	5.299	33.983	89.27	106.30	21.087	6.696	3.974	5.114	8.214	7.558	TOTAL
MEAN	0.186	0.137	0.171	1.13	2.88	3.54	0.680	0.216	0.133	0.165	0.274	0.244	MEAN
MAX	0.214	0.160	0.270	2.19	5.35	6.16	1.36	0.416	0.291	0.311	0.331	0.297	MAX
MIN	0.144	0.108	0.138	0.370	1.46	1.27	0.327	0.124	0.083	0.086	0.215	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.814
MAXIMUM DAILY, 6.16 ON JUN 13
MINIMUM DAILY, 0.083 ON SEP 28
MAXIMUM INSTANTANEOUS,
7.37 AT 23:21 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 27 N
LONG 120 08 05 W
DRAINAGE AREA, 87 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	497	JUL	1 820
FEB	332	AUG	579
MAR	458	SEP	343
APR	2 940	OCT	442
MAY	7 710	NOV	710
JUN	9 180	DEC	653

TOTAL DISCHARGE, 25 700 dam³

PENTICTON CREEK ABOVE DENNIS CREEK - STATION NO. 08NM168

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135	0.130	0.125	0.130	0.162	0.460	0.988	0.595	0.652	0.583	0.180	0.231	1
2	0.135	0.134	0.126	0.133	0.185	0.373	0.911	0.590	0.650	0.593	0.179	0.229	2
3	0.131	0.129	0.127	0.131	0.195	0.321	0.847	0.575	0.632	0.612	0.178	0.233	3
4	0.129	0.134	0.124	0.131	0.184	0.359	0.789	0.575	0.630	0.630	0.177	0.233	4
5	0.134	0.135	0.120	0.141	0.187	0.237	0.802	0.583	0.640	0.625	0.178	0.235	5
6	0.130	0.132	0.122	0.152	0.184	0.228	1.16	0.568	0.656	0.627	0.181	0.234	6
7	0.132	0.125	0.127	0.159	0.175	0.299	1.17	0.635	0.655	0.618	0.186	0.235	7
8	0.134	0.129	0.128	0.160	0.177	0.224	1.13	0.648	0.652	0.617	0.182	0.237	8
9	0.133	0.132	0.125	0.153	0.173	0.217	1.04	0.655	0.641	0.613	0.175	0.241	9
10	0.130	0.129	0.129	0.137	0.175	0.389	0.938	0.659	0.643	0.608	0.184	0.233	10
11	0.134	0.125	0.131	0.143	0.196	0.356	0.852	0.658	0.636	0.619	0.184	0.230	11
12	0.132	0.131	0.132	0.150	0.198	0.328	0.753	0.644	0.638	0.620	0.186	0.236	12
13	0.133	0.130	0.128	0.146	0.179	0.453	0.690	0.643	0.642	0.615	0.214	0.227	13
14	0.130	0.129	0.127	0.170	0.186	0.581	0.623	0.657	0.634	0.610	0.240	0.227	14
15	0.132	0.131	0.130	0.184	0.178	1.08	0.555	0.639	0.635	0.600	0.234	0.231	15
16	0.133	0.132	0.128	0.204	0.175	1.61	0.487	0.648	0.641	0.282	0.229	0.228	16
17	0.136	0.131	0.125	0.207	0.182	1.92	0.443	0.660	0.624	0.028	0.223	0.225	17
18	0.132	0.131	0.127	0.213	0.180	2.06	0.417	0.643	0.624	0.054	0.232	0.230	18
19	0.130	0.126	0.124	0.205	0.178	2.07	0.435	0.646	0.551	0.151	0.232	0.222	19
20	0.132	0.123	0.123	0.203	0.182	2.05	0.421	0.644	0.659	0.153	0.232	0.224	20
21	0.133	0.124	0.126	0.221	0.179	1.98	0.403	0.652	0.657	0.158	0.229	0.225	21
22	0.130	0.127	0.124	0.215	0.234	1.87	0.382	0.660	0.667	0.156	0.232	0.224	22
23	0.133	0.128	0.120	0.221	0.260	1.79	0.369	0.664	0.660	0.162	0.226	0.228	23
24	0.135	0.125	0.123	0.189	0.277	1.70	0.524	0.651	0.647	0.169	0.230	0.226	24
25	0.133	0.123	0.122	0.172	0.298	1.60	0.579	0.670	0.516	0.175	0.235	0.216	25
26	0.136	0.127	0.124	0.158	0.256	1.55	0.580	0.655	0.628	0.176	0.230	0.223	26
27	0.132	0.125	0.121	0.153	0.314	1.44	0.576	0.631	0.622	0.175	0.227	0.225	27
28	0.135	0.123	0.123	0.149	0.340	1.34	0.575	0.634	0.598	0.179	0.221	0.229	28
29	0.132		0.122	0.143	0.364	1.20	0.568	0.638	0.604	0.181	0.222	0.237	29
30	0.135		0.120	0.155	0.243	1.11	0.583	0.666	0.606	0.177	0.228	0.226	30
31	0.131		0.122		0.292		0.588	0.649		0.179		0.230	31
TOTAL	4.109	3.600	3.875	5.028	6.488	31.195	21.178	19.735	18.940	11.745	6.288	7.110	TOTAL
MEAN	0.133	0.129	0.125	0.168	0.209	1.04	0.683	0.637	0.631	0.379	0.210	0.229	MEAN
MAX	0.136	0.135	0.132	0.221	0.364	2.07	1.17	0.670	0.667	0.630	0.240	0.241	MAX
MIN	0.129	0.123	0.120	0.130	0.162	0.217	0.369	0.568	0.516	0.028	0.175	0.216	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.382
MAXIMUM DAILY, 2.07 ON JUN 19
MINIMUM DAILY, 0.028 ON OCT 17
MAXIMUM INSTANTANEOUS,
2.11 AT 04:23 PST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 55 N
LONG 119 25 23 W
DRAINAGE AREA, 35.5 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	355	JUL	1 830
FEB	311	AUG	1 710
MAR	335	SEP	1 640
APR	434	OCT	1 010
MAY	561	NOV	543
JUN	2 700	DEC	614

TOTAL DISCHARGE, 12 000 dam³

PEPIN CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 08MH156

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.296	0.376	0.215	0.091	0.252	0.128	0.169	---	1
2	---	---	---	---	0.304	0.337	0.214	0.098	0.208	0.119	0.159	---	2
3	---	---	---	---	0.293	0.682	0.191	0.128	0.174	0.253	0.242	---	3
4	---	---	---	---	0.277	0.761	0.166	0.131	0.131	0.835	0.334	---	4
5	---	---	---	---	0.271	0.407	0.197	0.143	0.125	0.640	0.249	---	5
6	---	---	---	---	0.257	0.483	0.207	0.143	0.124	0.257	0.186	---	6
7	---	---	---	---	0.249	0.649	0.230	0.136	0.109	0.192	0.511A	---	7
8	---	---	---	---	0.236	0.394	0.211	0.105	0.114	0.182	---	---	8
9	---	---	---	---	0.236	0.396	0.174	0.116	0.121	0.226	---	---	9
10	---	---	---	---	0.225	0.607	0.163	0.122	0.121	0.257	---	---	10
11	---	---	---	---	0.242	0.433	0.157	0.120	0.111	0.205	---	---	11
12	---	---	---	---	0.264	0.321	0.145	0.131	0.103	0.408	---	---	12
13	---	---	---	---	0.290	0.292	0.147	0.098	0.109	0.239	---	---	13
14	---	---	---	---	0.284	0.268	0.153	0.097	0.105	0.199	---	---	14
15	---	---	---	---	0.256	0.238	0.158	0.099	0.120	0.202	---	---	15
16	---	---	---	---	0.234	0.231	0.140	0.105	0.331	0.238	---	---	16
17	---	---	---	---	0.245	0.234	0.130	0.129	0.281	0.186	---	---	17
18	---	---	---	---	0.251	0.215	0.127	0.184	0.182	0.256	---	---	18
19	---	---	---	---	0.251	0.213	0.133	0.181	0.125	0.222	---	---	19
20	---	---	---	---	0.259	0.198	0.124	0.264	0.121	0.177	---	---	20
21	---	---	---	---	0.282	0.188	0.123	0.202	0.110	0.541	---	---	21
22	---	---	---	---	0.264	0.185	0.130	0.197	0.101	0.320	---	---	22
23	---	---	---	---	0.250	0.183	0.126	0.191	0.106	0.197	---	---	23
24	---	---	---	---	0.251	0.186	0.136	0.158	0.103	0.172	---	---	24
25	---	---	---	---	0.253	0.177	0.136	0.160	0.093	0.179	---	---	25
26	---	---	---	---	0.250	0.169	0.146	0.162	0.102	0.200	---	---	26
27	---	---	---	0.340A	0.247	0.169	0.137	0.147	0.092	0.169	---	---	27
28	---	---	---	0.439	0.253	0.174	0.157	0.132	0.109	0.201	---	---	28
29	---	---	---	0.328	0.265	0.172	0.150	0.174	0.112	0.188	---	---	29
30	---		---	0.300	0.253	0.196	0.123	0.245	0.122	0.308	---	---	30
31	---		---		0.364		0.110	0.487		0.214		---	31
TOTAL	---	---	---	---	8.152	9.534	4.856	4.876	4.127	8.110	---	---	TOTAL
MEAN	---	---	---	---	0.263	0.318	0.157	0.157	0.138	0.262	---	---	MEAN
MAX	---	---	---	---	0.364	0.761	0.230	0.487	0.331	0.835	---	---	MAX
MIN	---	---	---	---	0.225	0.169	0.110	0.091	0.092	0.119	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.091 ON AUG 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 12 N
LONG 122 28 14 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	420
FEB	---	AUG	421
MAR	---	SEP	357
APR	---	OCT	701
MAY	704	NOV	---
JUN	824	DEC	---

PINE RIVER AT EAST PINE - STATION NO. 07FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	105 B	34.0B	39.0B	47.0B	210	2 150E	389	108 E	60.8	35.7	63.0	43.7B	1
2	92.0B	32.6B	39.5B	47.8B	224	1 390E	391	109 E	61.3	36.9	58.2	43.6B	2
3	81.0B	32.0B	40.0B	48.3B	249	980E	405	99.0E	64.6	37.2	52.1B	43.7B	3
4	73.5B	31.8B	40.5B	49.6B	301	1 400E	499	95.0E	63.9	40.2	51.7B	43.8B	4
5	67.0B	32.1B	41.5B	50.5B	402	1 200E	428	93.5E	58.8	41.7	50.5B	44.0B	5
6	61.0B	32.3B	42.0B	51.5B	537	1 080E	382	94.0E	55.2	40.5	49.8B	44.4B	6
7	56.0B	32.4B	42.2B	53.0B	600	969A	367	96.0E	53.5	38.6	49.5B	45.0B	7
8	52.5B	32.5B	42.8B	54.0B	516	936	362	92.0E	53.0	36.9	49.3B	45.5B	8
9	50.5B	32.3B	42.7B	55.2B	444	926	361	87.5E	52.3	36.4	48.7B	46.5B	9
10	49.5B	32.2B	42.5B	56.3B	438	889	354E	83.0E	52.4	73.4	48.6B	46.7B	10
11	49.7B	32.1B	42.4B	58.0B	442	1 110	328E	80.0E	51.4	95.9	48.5B	46.6B	11
12	49.6B	31.8B	42.3B	60.0B	423	2 950	295E	84.0E	50.2	77.3	48.5B	46.3B	12
13	49.5B	31.3B	42.4B	62.0B	395	3 570	286E	95.0E	48.5	65.0	49.0B	46.0B	13
14	49.0B	31.0B	42.6B	64.8B	377	2 170	285E	101 E	47.2	61.2	49.5B	45.5B	14
15	48.7B	30.8B	43.0B	68.0B	370	1 440	263E	98.0E	45.7	57.0	50.0B	44.7B	15
16	48.2B	30.6B	43.2B	72.0B	381	1 220	232E	94.0E	45.3	52.9	50.3B	44.3B	16
17	47.5B	30.7B	44.0B	80.0B	427	1 040	200E	89.0E	45.2	49.8	51.0B	43.8B	17
18	46.0B	30.8B	44.5B	110 B	491	877	182E	85.5E	44.3	47.2	51.5B	43.0B	18
19	45.0B	31.2B	44.8B	140 B	560	768	170E	80.0E	43.0	47.1	51.7B	42.5B	19
20	43.5B	31.5B	44.5B	189 B	631	697	160E	72.2E	41.2	46.2	51.9B	41.5B	20
21	41.5B	31.9B	44.0B	210	658	655	150E	64.3A	40.1	44.3	51.7B	40.9B	21
22	40.7B	32.2B	43.8B	256	656	661	142E	69.6	38.8	43.1	50.8B	40.5B	22
23	40.3B	32.5B	43.2B	274	644	678	136E	78.8	38.0	42.6	50.0B	40.0B	23
24	40.2B	33.5B	43.3B	295	684	646	134E	89.5	37.4	42.9	49.0B	39.5B	24
25	40.3B	34.2B	43.4B	353	775	547	135E	83.3	38.8	58.5	48.0B	38.8B	25
26	40.2B	35.0B	43.4B	340	1 100A	489	136E	73.6	41.3A	83.1	46.5B	38.6B	26
27	40.1B	35.8B	43.5B	293	1 350E	469	141E	66.1	41.1	81.2	46.0B	38.0B	27
28	40.0B	36.5B	43.8B	258	1 460E	443	133E	59.9	39.2	73.1	45.5B	37.4B	28
29	39.2B		44.2B	231	1 100E	407	123E	56.6	37.2	72.8	44.8B	36.8B	29
30	37.5B		45.0B	214	1 490E	380	112E	55.8	35.0	73.6	44.0B	36.4B	30
31	36.0B		45.7B		1 650E		107E	58.2		68.2		35.7B	31
TOTAL	1 600.7	908.0	1 329.7	4 141.0	19 885	33 137	7 788	2 591.4	1 424.7	1 700.5	1 499.6	1 313.7	TOTAL
MEAN	51.6	32.4	42.9	138	641	1 100	251	83.6	47.5	54.9	50.0	42.4	MEAN
MAX	105	36.5	45.7	353	1 650	3 570	499	109	64.6	95.9	63.0	46.7	MAX
MIN	36.0	30.6	39.0	47.0	210	380	107	55.8	35.0	35.7	44.0	35.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 212
MAXIMUM DAILY, 3 570 ON JUN 13
MINIMUM DAILY, 30.6B ON FEB 16
MAXIMUM INSTANTANEOUS,
4 000 AT 01:29 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 43 12 N
LONG 121 12 28 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	138 000	JUL	673 000
FEB	78 500	AUG	224 000
MAR	115 000	SEP	123 000
APR	358 000	OCT	147 000
MAY	1 720 000	NOV	130 000
JUN	2 860 000	DEC	114 000

TOTAL DISCHARGE, 6 680 000 dam³

PINKUT CREEK NEAR TINTAGEL - STATION NO. 08EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50	2.24B	2.22B	2.78	5.03	21.4	11.6	2.47	1.96	2.00	1.98	2.01	1
2	2.48	2.23B	2.23B	2.70	7.18	22.2	11.2	2.27	1.99	1.97	1.97	1.98	2
3	2.39	2.22B	2.24B	2.66	9.41	22.3	10.9	2.21	1.95	1.95	2.03	2.06	3
4	2.40	2.25B	2.25B	2.70	12.7	23.6	11.3	2.10	1.95	2.00	2.04	2.06	4
5	2.38	2.28B	2.23B	2.82	15.6	23.4	11.1	1.99	2.15	2.07	2.02	2.09	5
6	2.39	2.27B	2.22B	2.82	17.3	22.9	10.8	1.89	2.21	1.99	2.05	2.03	6
7	2.46	2.52B	2.20B	2.85	20.1	22.3	10.3	1.75	2.17	1.93	2.00	1.99	7
8	2.45	2.20B	2.18B	2.92	21.3	21.1	9.51	1.71	2.21	2.03	2.03	2.05	8
9	2.47	2.21B	2.17B	2.79	22.5	20.1	9.20	1.58	2.10	2.00	2.08	1.98	9
10	2.42B	2.22B	2.15B	2.71	22.2	19.9	8.81	1.52	2.07	1.93	2.11	1.94	10
11	2.39B	2.21B	2.14B	2.78	21.9	19.9	8.24	1.47	2.02	1.91	2.09	1.97	11
12	2.38B	2.18B	2.14B	2.81	22.1	21.2	7.85	1.42	2.08	1.88	2.12	2.02	12
13	2.36B	2.13B	2.15B	2.85	22.4	21.9	7.59	1.71	2.07	1.80	2.05	2.01	13
14	2.35B	2.10B	2.16B	2.89	22.3	21.7	6.91	2.07	2.06	1.84	2.10	2.03	14
15	2.35B	2.08B	2.18B	3.14	22.1	20.9	6.76	2.24	2.11	1.84	2.14	1.94B	15
16	2.35B	2.04B	2.19B	3.19	22.1	20.2	6.31	2.20	2.11	1.89	2.06	1.95B	16
17	2.35B	2.02B	2.20B	3.07	21.4	19.8	6.15	2.19	2.05	1.97	1.98	2.00B	17
18	2.35B	2.03B	2.21B	3.07	22.0	19.1	6.15	2.18	2.07	1.99	1.95	1.98B	18
19	2.35B	2.05B	2.24B	3.38	21.9	18.3	6.07	2.19	2.04	1.98	2.04	1.96B	19
20	2.35B	2.08B	2.26B	3.47	21.9	17.3	5.81	2.11	2.02	1.98	2.06	1.93B	20
21	2.36B	2.11B	2.27B	3.50	21.9	17.0	5.22	1.95	2.12	2.03	2.01	1.89B	21
22	2.37B	2.17B	2.26B	3.64	21.6	16.4	4.87	1.85	2.21	2.04	2.13	1.88B	22
23	2.39B	2.21B	2.25B	3.61	21.5	15.4	4.53	1.97	2.18	2.07	2.13	1.86B	23
24	2.40B	2.23B	2.25B	3.96	21.3	14.8	4.30	2.02	2.10	2.06	2.08	1.84B	24
25	2.42B	2.25B	2.27B	3.73	20.6	14.2	3.99	1.93	1.96	1.98	2.00	1.83B	25
26	2.41B	2.24B	2.30B	3.98	20.2	13.5	3.59	1.82	1.96	2.06	2.00	1.86B	26
27	2.40B	2.22B	2.36B	3.96	20.2	12.8	3.30	1.78	2.01	2.11	2.01	1.88B	27
28	2.39B	2.20B	2.42B	4.00	19.1	12.1	2.89	1.72	2.04	2.02	2.09	1.87B	28
29	2.37B		2.49B	4.06	19.4	11.5	2.56	1.86	1.92	1.98	2.11	1.85B	29
30	2.32B		2.59	4.01	19.6	11.3	2.49	1.91	1.91	2.06	2.05	1.82B	30
31	2.28B		2.71		20.1		2.51	1.91		2.00		1.80B	31
TOTAL	74.03	60.89	70.13	96.55	598.92	558.5	212.81	59.99	61.99	61.36	61.51	60.36	TOTAL
MEAN	2.39	2.17	2.26	3.22	19.3	18.6	6.86	1.94	2.07	1.98	2.05	1.95	MEAN
MAX	2.50	2.28	2.71	4.06	22.5	23.6	11.6	2.47	2.21	2.11	2.14	2.09	MAX
MIN	2.28	2.02	2.14	2.66	5.03	11.3	2.49	1.42	1.91	1.80	1.95	1.80	MIN

SCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.42
MAXIMUM DAILY, 23.6 ON JUN 04
MINIMUM DAILY, 1.42 ON AUG 12
MAXIMUM INSTANTANEOUS,
24.1 AT 22:22 PST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 52 N
LONG 125 25 26 W
DRAINAGE AREA, 862 km²
B - ICE CONDITIONS
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 400	JUL	10 400
FEB	5 260	AUG	5 180
MAR	6 060	SEP	5 360
APR	8 340	OCT	5 300
MAY	51 700	NOV	5 310
JUN	48 300	DEC	5 220

TOTAL DISCHARGE, 171 000 dam³

PITMAN RIVER NEAR THE MOUTH - STATION NO. 08CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	7.15B	7.45B	7.10B	19.0	460	139	50.5E	32.4	27.7	18.2	12.0 B	1
2	10.0 B	7.05B	7.50B	7.10B	19.5	436	140	45.2A	31.5	27.2	17.1	9.10B	2
3	9.75B	7.10B	7.55B	7.05B	20.8	368	131	40.6	34.6	27.3	16.0B	8.30B	3
4	9.50B	7.15B	7.50B	7.10B	25.9	339	121	38.4	35.8	27.0	15.3B	9.00B	4
5	9.30B	7.20B	7.50B	7.15B	31.5	332	115	36.8	39.7	25.6	15.3B	9.70B	5
6	9.10B	7.25B	7.40B	7.25B	45.4	319	110	35.8	42.4	24.6	16.0B	10.2 B	6
7	9.05B	7.30B	7.30B	7.35B	50.1	310	106	35.5	38.2	23.8	16.8B	10.3 B	7
8	9.05B	7.35B	7.20B	7.45B	48.0	303	105	34.0	35.8	24.4	16.7B	10.2 B	8
9	9.10B	7.30B	7.05B	7.55B	47.8	277	109	32.5	34.1	26.0	15.9B	9.95B	9
10	9.25B	7.25B	7.05B	7.60B	51.8	251	107	32.4	31.9	25.7	14.5B	9.40B	10
11	9.35B	7.25B	7.05B	7.65B	55.0	236	103	32.1	31.0	23.5	13.6B	8.80B	11
12	9.40B	7.27B	7.15B	7.80B	58.0	232	94.4	31.1	32.5	23.1	13.6B	8.40B	12
13	9.55B	7.27B	7.25B	7.90B	60.4	232	89.5	30.8	32.6	23.5	13.8B	8.70B	13
14	9.60B	7.27B	7.30B	8.00B	63.5	240	82.2	34.0	32.5	22.0	14.6B	8.89B	14
15	9.60B	7.10B	7.35B	8.10B	72.4	245	75.1	43.9	32.1	20.5	15.7B	8.75B	15
16	9.40B	7.05B	7.40B	8.30B	81.3	230	80.6	47.4	31.5	20.6	16.1B	8.50B	16
17	9.30B	7.05B	7.40B	8.40B	105	194	101	44.2	30.4	21.2	15.8B	8.00B	17
18	9.25B	7.20B	7.35B	8.50B	120	169	92.8	39.2	30.0	22.8	15.1B	7.70B	18
19	9.25B	7.25B	7.25B	8.70B	125	158	83.6	35.8	33.7	23.0	14.1B	7.75B	19
20	9.30B	7.30B	7.05B	8.80B	129	150	77.4	35.5	35.0	23.6	12.9B	8.00B	20
21	9.35B	7.35B	6.90B	8.90B	134	157	73.1	39.6	34.8	21.3	12.0B	8.50B	21
22	9.35B	7.40B	6.80B	9.10B	143	208	72.4	39.5	35.6	24.0	11.6B	9.15B	22
23	9.35B	7.40B	6.75B	9.40B	153	216	76.7	38.5	34.6	20.8	11.2B	9.50B	23
24	9.30B	7.35B	6.70B	9.90B	142	191	76.1	35.7	32.8	19.1	11.5B	9.60B	24
25	9.15B	7.30B	6.75B	10.4 B	133	152	71.4A	32.7	33.2	18.5	11.6B	9.65B	25
26	8.90B	7.35B	6.80B	11.1 B	140	132	64.0E	31.1	34.4	22.1	12.2B	9.55B	26
27	8.55B	7.40B	6.85B	12.0 B	167	127	55.0E	29.2	31.9	22.6	13.0B	9.10B	27
28	8.10B	7.45B	6.90B	13.5 B	212	133	50.0E	28.6	30.5	22.7	13.3B	8.40B	28
29	7.65B		7.05B	15.0 B	250	133	47.0E	28.2	29.6	21.3	13.2B	8.45B	29
30	7.40B		7.10B	17.0 B	297	137	47.0E	28.9	28.4	19.8	12.9B	8.45B	30
31	7.25B		7.15B		389		49.5E	30.7		19.4		8.35B	31
TOTAL	282.65	203.11	221.80	271.15	3 388.9	7 067	2 744.8	1 118.5	1 003.5	714.6	429.9	280.34	TOTAL
MEAN	9.12	7.25	7.15	9.04	109	236	88.5	36.1	33.5	23.1	14.3	9.04	MEAN
MAX	10.2	7.45	7.55	17.0	389	460	140	50.5	42.4	27.7	18.2	12.0	MAX
MIN	7.25	7.05	6.70	7.05	19.0	127	47.0	28.2	28.4	18.5	11.5	7.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.6
MAXIMUM DAILY, 460 ON JUN 01
MINIMUM DAILY, 6.70B ON MAR 24
MAXIMUM INSTANTANEOUS,
471 AT 13:00 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 58 55 N
LONG 128 25 46 W
DRAINAGE AREA, 2 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 400	JUL	237 000
FEB	17 500	AUG	96 600
MAR	19 200	SEP	86 700
APR	23 400	OCT	61 700
MAY	293 000	NOV	37 100
JUN	611 000	DEC	24 200

TOTAL DISCHARGE, 1 530 000 dam³

POUCE COUPE RIVER BELOW HENDERSON CREEK - STATION NO. 07FD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.510B	0.200B	0.320B	1.60B	22.2	33.2A	---	---	---	---	---	---	1
2	0.410B	0.200B	0.360B	1.70B	20.1	31.6A	---	---	---	---	---	---	2
3	0.390B	0.230B	0.390B	1.80B	18.3	29.6A	---	---	---	---	---	---	3
4	0.490B	0.280B	0.420B	1.96B	16.9	28.7	---	---	---	---	---	---	4
5	0.660B	0.330B	0.450B	2.00B	15.8	28.5	---	---	---	---	---	---	5
6	0.820B	0.400B	0.480B	2.10B	14.9	22.9A	---	---	---	---	---	---	6
7	0.780B	0.450B	0.500B	2.20B	14.5	---	---	---	---	---	---	---	7
8	0.720B	0.440B	0.520B	2.35B	14.6	---	---	---	---	---	---	---	8
9	0.650B	0.430B	0.540B	2.65B	15.0	---	---	---	---	---	---	---	9
10	0.620B	0.410B	0.530B	2.96B	14.7	---	---	---	---	---	---	---	10
11	0.620B	0.380B	0.520B	3.35B	14.8	---	---	---	---	---	---	---	11
12	0.630B	0.360B	0.550B	3.70B	19.0	---	---	---	---	---	---	---	12
13	0.620B	0.320B	0.600B	4.20B	26.4	---	---	---	---	---	---	---	13
14	0.610B	0.280B	0.630B	4.60B	26.7	---	---	---	---	---	---	---	14
15	0.630B	0.260B	0.680B	5.10B	23.6	---	---	---	---	---	---	---	15
16	0.680B	0.220B	0.740B	5.80B	20.5	---	---	---	---	---	---	---	16
17	0.740B	0.200B	0.810B	6.40B	18.0	---	---	---	---	---	---	---	17
18	0.810B	0.170B	0.840B	7.20B	16.4	---	---	---	---	---	---	---	18
19	0.860B	0.150B	0.900B	8.08	17.4	---	---	---	---	---	---	---	19
20	0.900B	0.120B	0.920B	9.95	17.6	---	---	---	---	---	---	---	20
21	0.900B	0.110B	0.940B	10.5	16.2	---	---	---	---	---	---	---	21
22	0.860B	0.090B	0.960B	12.4	15.4	---	---	---	---	---	---	---	22
23	0.700B	0.120B	0.990B	12.2	14.2	---	---	---	---	---	---	---	23
24	0.620B	0.150B	0.995B	15.2	12.8	---	---	---	---	---	---	---	24
25	0.480B	0.170B	1.02 B	31.0	13.4	---	---	---	---	---	---	---	25
26	0.390B	0.200B	1.08 B	40.8	25.2	---	---	---	---	---	---	---	26
27	0.350B	0.210B	1.14 B	36.3	27.7	---	---	---	---	---	---	---	27
28	0.300B	0.233B	1.20 B	31.2	23.5	---	---	---	---	---	---	---	28
29	0.230B		1.26 B	26.8	19.9	---	---	---	---	---	---	---	29
30	0.210B		1.38 B	24.2	18.7	---	---	---	---	---	---	---	30
31	0.200B		1.48 B		28.2		---	---		---		---	31
TOTAL	18.390	7.113	24.145	320.30	582.6	---	---	---	---	---	---	---	TOTAL
MEAN	0.593	0.254	0.779	10.7	18.8	---	---	---	---	---	---	---	MEAN
MAX	0.900	0.450	1.48	40.8	28.2	---	---	---	---	---	---	---	MAX
MIN	0.200	0.090	0.320	1.60	12.8	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.090B ON FEB 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 51 53 N
LONG 120 01 46 W
DRAINAGE AREA, 2 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 590	JUL	---
FEB	615	AUG	---
MAR	2 090	SEP	---
APR	27 700	OCT	---
MAY	50 300	NOV	---
JUN	---	DEC	---

PREMIER CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08OA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.053E	0.019	0.016E	0.010	0.004	0.002	0.002	0.001	0.005E	0.213A	0.100E	0.010	1
2	0.048E	0.019	0.017E	0.010	0.004	0.002	0.002	0.001	0.002E	0.070E	0.070E	0.014	2
3	0.047E	0.019	0.020E	0.008	0.004	0.003	0.002	0.001	0.001A	0.034E	0.050E	0.081	3
4	0.075E	0.019	0.026E	0.006A	0.003	0.002	0.002	0.001	0.001E	0.013E	0.034E	0.039	4
5	0.227E	0.022	0.028E	0.007	0.056	0.002	0.001	0.001	0.001E	0.006E	0.023E	0.068	5
6	0.150E	0.019	0.039E	0.006	0.027	0.002	0.001	0.001	0.001E	0.005A	0.015E	0.142	6
7	0.110E	0.017	0.031E	0.006	0.011	0.002	0.001	0.002	0.001E	0.005	0.010A	0.329	7
8	0.078E	0.015	0.024E	0.006	0.008	0.002	0.001	0.002	0.001E	0.055A	0.016	0.153	8
9	0.056E	0.025	0.019A	0.005	0.006	0.002	0.001	0.002	0.001E	0.030E	0.015	0.107	9
10	0.033A	0.021	0.018	0.005	0.005	0.002	0.001	0.001	0.001E	0.016E	0.012	0.081	10
11	0.031	0.018	0.018	0.005	0.005	0.002	0.001	0.001	0.001E	0.035E	0.011	0.061	11
12	0.035	0.015	0.026	0.005	0.005	0.002	0.001	0.001	0.001E	0.074E	0.066	0.057	12
13	0.031	0.014	0.040	0.005	0.005	0.002	0.001	0.001	0.001E	0.044E	0.027	0.083	13
14	0.025	0.015	0.023	0.005	0.005	0.002	0.001	0.001	0.001E	0.024E	0.019	0.053	14
15	0.027	0.014	0.034	0.004	0.004	0.002	0.001	0.001	0.001E	0.012A	0.031	0.035	15
16	0.024	0.013A	0.036	0.005	0.004	0.002	0.001	0.001	0.001E	0.012	0.033	0.045	16
17	0.020	0.011E	0.027	0.005	0.004	0.002	0.001	0.001	0.001E	0.013A	0.027	0.050	17
18	0.020	0.009E	0.024	0.005	0.003	0.002	0.001	0.001	0.001E	0.070E	0.033	0.035	18
19	0.021	0.007E	0.025	0.005	0.003	0.001	0.001	0.001	0.002E	0.058E	0.032	0.029	19
20	0.032	0.009E	0.023	0.008	0.003	0.001	0.001	0.001A	0.001A	0.034E	0.028	0.029	20
21	0.069	0.016E	0.021	0.010	0.003	0.002	0.001	0.001E	0.001	0.025A	0.029	0.029	21
22	0.037	0.025E	0.021	0.009	0.002	0.002	0.001	0.001E	0.001	0.021	0.022	0.027	22
23	0.029	0.025E	0.017	0.011	0.002	0.001	0.001	0.001E	0.001A	0.090A	0.017	0.025	23
24	0.034	0.023E	0.015	0.007	0.002	0.001	0.001	0.001E	0.001E	0.050E	0.015	0.026	24
25	0.041	0.034E	0.015	0.057	0.002	0.001	0.001	0.001E	0.001E	0.034A	0.012	0.026	25
26	0.029	0.028E	0.014	0.019	0.002	0.001	0.001	0.001E	0.001E	0.036A	0.013	0.025	26
27	0.029	0.021E	0.014	0.009	0.002	0.003	0.001	0.001E	0.001A	0.044E	0.014	0.025	27
28	0.028	0.015E	0.014	0.006	0.001	0.004	0.001	0.001E	0.029	0.051A	0.020	0.025	28
29	0.025		0.013	0.005	0.001	0.003	0.001	0.001E	0.007	0.043A	0.015	0.025	29
30	0.023		0.013	0.004	0.002	0.002	0.001	0.006E	0.009	0.090E	0.012	0.024	30
31	0.022		0.011		0.002		0.001	0.013E		0.168A		0.021	31
TOTAL	1.506	0.507	0.682	0.258	0.190	0.059	0.035	0.051	0.078	1.475	0.828	1.773	TOTAL
MEAN	0.049	0.018	0.022	0.009	0.006	0.002	0.001	0.002	0.003	0.048	0.028	0.057	MEAN
MAX	0.227	0.034	0.040	0.057	0.056	0.004	0.002	0.013	0.029	0.213	0.100	0.329	MAX
MIN	0.020	0.007	0.011	0.004	0.001	0.001	0.001	0.001	0.001	0.005	0.011	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.329 ON DEC 07
MINIMUM DAILY, 0.001 ON MAY 28
MAXIMUM INSTANTANEOUS,
0.479 AT 14:00 PST ON DEC 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 132 04 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	130	JUL	3.02
FEB	43.8	AUG	4.41
MAR	58.9	SEP	6.74
APR	22.3	OCT	127
MAY	16.4	NOV	71.5
JUN	5.10	DEC	153

TOTAL DISCHARGE, 642 dam³

PROPHET RIVER ABOVE CHEVES CREEK - STATION NO. 10CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.4 B	8.00B	10.0B	15.7B	188	1 270	272	107	69.0	26.2	8.25 B	7.60B	1
2	10.8 B	7.99B	10.1B	15.4B	232	961	555	101	68.4	27.1	8.10 B	7.70B	2
3	10.1 B	8.00B	10.2B	15.3B	244	624	555	92.9	64.1	28.4	8.09 B	8.00B	3
4	9.70B	8.05B	10.4B	15.4B	250	483	447	86.9	57.1	27.8	8.15 B	8.60B	4
5	9.60B	8.10B	10.6B	15.4B	241	404	348	81.1	51.3	26.9	8.75 B	9.00B	5
6	9.57B	8.20B	10.7B	15.3B	251	382	288	80.0	48.0	24.8	10.0 B	9.50B	6
7	9.55B	8.21B	10.8B	15.0B	272	405	244	83.2	46.5	24.9	10.7 B	9.95B	7
8	9.54B	8.22B	10.7B	14.9B	222	392	221	82.4	46.5	20.8	10.8 B	10.4 B	8
9	9.50B	8.21B	10.6B	14.9B	193	362	211	73.8	47.5	19.8	10.9 B	10.5 B	9
10	9.45B	8.25B	10.5B	15.2B	178	316	198	70.4	45.8	20.8	11.0 B	10.4 B	10
11	9.40B	8.23B	10.4B	15.3B	171	280	186	72.6	42.1	20.5	11.1 B	9.90B	11
12	9.20B	8.20B	10.5B	15.9B	160	241	177	76.8	41.7	19.4	11.2 B	9.90B	12
13	9.25B	8.22B	10.9B	16.7B	147	211	169	80.6	42.0	18.8	11.3 B	9.80B	13
14	9.30B	8.27B	11.2B	18.0B	131	191	158	84.5	40.1	18.6	11.2 B	9.60B	14
15	9.35B	8.30B	11.8B	19.3B	123	186	140	84.0	38.5	17.4	11.3 B	9.70B	15
16	9.28B	8.45B	12.0B	21.0B	116	188	134	76.8	38.0	14.8	11.4 B	9.70B	16
17	9.10B	8.60B	12.1B	22.5B	117	182	132	70.2	38.4	12.1	11.3 B	9.60B	17
18	9.00B	8.75B	11.8B	24.2B	133	167	529	69.6	38.4	12.2	11.2 B	9.50B	18
19	8.80B	8.95B	11.5B	26.0B	150	154	204	69.6	36.1	9.86	11.1 B	9.00B	19
20	8.85B	8.97B	11.6B	28.5B	155	145	181	67.3	33.5	9.95B	0.592B	8.60B	20
21	8.95B	8.98B	11.7B	32.0B	141	134	166	69.5	31.9	9.80B	18.1 B	8.63B	21
22	9.00B	8.99B	11.9B	36.5B	133	126	152	74.2	31.0	9.70B	12.0 B	8.90B	22
23	9.05B	9.00B	12.1B	40.0B	134	137	151	76.7	30.4	9.60B	10.0 B	9.10B	23
24	9.07B	9.20B	12.4B	48.0B	137	156	150	73.3	32.2	9.50B	9.60 B	8.40B	24
25	9.00B	9.45B	12.8B	57.0B	131	141	146	64.8	33.9	9.20B	9.45 B	8.80B	25
26	8.87B	9.70B	13.3B	67.0B	137	120	144	57.0	34.6	9.00B	9.40 B	8.60B	26
27	8.60B	9.82B	14.2B	75.0B	180	119	136	52.3	32.2	8.35B	9.40 P	8.45B	27
28	8.45B	9.95B	15.4B	86.0B	198	159	125	48.8	29.9	7.90B	9.35 B	8.40B	28
29	8.30B		16.0B	97.9	206	166	116	48.0	27.7	7.85B	9.05 B	8.10B	29
30	8.15B		16.1B	138	214	168	109	50.8	26.9	7.90B	8.70 B	7.75B	30
31	8.05B		15.8B		457		107	65.4		8.00B		7.35B	31
TOTAL	286.31	241.34	370.0	1 037.3	5 742	8 970	6 630	2 291.5	1 242.8	494.91	301.432	279.43	TOTAL
MEAN	9.24	8.62	11.9	34.6	185	299	214	73.9	41.4	16.0	10.0	9.01	MEAN
MAX	11.4	9.95	16.1	138	457	1 270	555	107	69.0	28.4	18.1	10.5	MAX
MIN	8.05	7.99	10.0	14.9	116	119	107	48.0	26.9	7.85	0.592	7.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.4
MAXIMUM DAILY, 1 270 ON JUN 01
MINIMUM DAILY, 0.592B ON NOV 20
MAXIMUM INSTANTANEOUS,
1 420 AT 12:34 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 29 02 N
LONG 122 49 47 W
DRAINAGE AREA, 7 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 700	JUL	573 000
FEB	20 900	AUG	198 000
MAR	32 000	SEP	107 000
APR	89 600	OCT	42 800
MAY	496 000	NOV	26 000
JUN	775 000	DEC	24 100

TOTAL DISCHARGE, 2 410 000 dam³

PROSPECT LAKE IN SAANICH - STATION NO. 08HA053

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.520	1.540	1.542	1.538	1.427	1.339	---	---	---	1
2	---	---	---	1.511	1.544	1.540	1.540	1.421	1.339	---	---	---	2
3	---	---	---	1.498	1.544	1.551	1.536	1.418	1.335	---	---	---	3
4	---	---	---	1.487	1.547	1.564	1.532	1.413	1.332	---	---	---	4
5	---	---	---	1.478	1.550	1.567	1.532	1.408	1.330	---	---	---	5
6	---	---	---	1.467	1.550	1.571	1.532	1.401	1.327	---	---	---	6
7	---	---	---	1.453	1.545	1.568	1.530	1.397	1.324	---	---	---	7
8	---	---	---	1.446	1.543	1.571	1.528	1.392	1.320	---	---	---	8
9	---	---	---	1.440	1.543	1.571	1.524	1.385	1.320	---	---	---	9
10	---	---	---	1.433	1.541	1.574	1.521	1.382	1.319	---	---	---	10
11	---	---	---	1.425	1.541	1.576	1.518	1.379	1.317	---	---	---	11
12	---	---	---	1.420	1.541	1.576	1.513	1.374	1.312	---	---	---	12
13	---	---	---	1.417	1.538	1.572	1.510	1.371	1.312	---	---	---	13
14	---	---	---	1.424	1.540	1.572	1.506	1.364	1.309	---	---	---	14
15	---	---	---	1.427	1.538	1.572	1.501	1.350	1.304	---	---	---	15
16	---	---	---	1.425	1.538	1.572	1.498	1.341	1.305	---	---	---	16
17	---	---	---	1.433	1.540	1.572	1.495	1.333	1.305	---	---	---	17
18	---	---	---	1.430	1.540	1.570	1.491	1.348	1.305	---	---	---	18
19	---	---	---	1.441	1.535	1.570	1.486	1.348	1.300	---	---	---	19
20	---	---	---	1.448	1.535	1.565	1.480	1.343	1.297	---	---	---	20
21	---	---	---	1.450	1.533	1.564	1.475	1.338	1.295	---	---	---	21
22	---	---	---	1.452	1.533	1.561	1.471	1.333	1.292	---	---	---	22
23	---	---	---	1.466	1.531	1.558	1.468	1.330	1.290	---	---	---	23
24	---	---	---	1.487	1.530	1.555	1.461	1.327	1.288	---	---	---	24
25	---	---	---	1.501	1.530	1.553	1.453	1.322	1.288	---	---	---	25
26	---	---	---	1.504	1.528	1.550	1.449	1.315	1.287	---	---	---	26
27	---	---	---	1.520	1.526	1.543	1.444	1.312	1.283	---	---	---	27
28	---	---	1.568	1.527	1.525	1.543	1.444	1.307	1.281	---	---	---	28
29	---		---	1.535	1.523	1.541	1.438	1.307	1.280	---	---	---	29
30	---		---	1.535	1.523	1.541	1.433	1.311	1.277	---	---	---	30
31	---		---		1.532		1.430	1.345		---		---	31
MEAN	---	---	---	1.467	1.537	1.562	1.493	1.359	1.307	---	---	---	MEAN
MAX	---	---	---	1.535	1.550	1.576	1.540	1.427	1.339	---	---	---	MAX
MIN	---	---	---	1.417	1.523	1.540	1.430	1.307	1.277	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 30 55 N
LONG 123 26 39 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PUNTLEDGE RIVER AT COURTENAY - STATION NO. 08HB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.4	35.7	22.1	41.9	21.7	15.6	19.9	15.5	15.0	15.6	36.6	76.9	1
2	29.9	40.0	21.8	41.4	25.2	21.0	20.3	15.4	15.1	15.5	34.6	62.3	2
3	24.9	49.5	22.1	38.5	22.7	67.4	21.6	15.4	15.7A	15.7	35.6	231	3
4	25.0	39.3	24.7	37.7	27.1	32.4	19.8	15.9	15.7A	15.7	36.0	252	4
5	32.8	39.4	25.7	37.7	27.9	28.0	19.8	16.0	15.7E	15.7	36.2	211	5
6	39.6	37.5	25.8	38.4	25.3	47.9	21.0	15.9	15.7A	15.7	34.8	170	6
7	46.1	35.4	25.9	39.7	21.0	53.3	20.8	15.7	15.7A	15.5	36.5	139	7
8	43.6	34.5	24.3	38.9	19.8	68.9	19.9	15.4	15.7E	15.6	59.1	105	8
9	41.0	34.7	26.1	36.5	25.5	41.7	19.7	15.3	15.7E	15.8	98.3	75.3	9
10	38.6	34.6	37.4	36.0	22.4	82.6	19.2	15.2	15.7E	15.6	130	43.5	10
11	37.1	36.0	35.5	39.6	19.5	50.3	19.4	15.1	15.8E	15.8	273	38.4	11
12	37.3	34.5	35.1	39.4	20.6	51.3	19.2	15.1	15.8E	16.1	324	38.5	12
13	43.5	33.7	34.8	37.5	22.6	43.5	16.5	15.2	15.8E	15.4	299	38.1	13
14	43.4	32.9	35.5	38.1	19.8	45.4	16.0	15.2	15.9E	15.5	239	37.4	14
15	40.0	33.0	34.9	40.3	19.3	38.1	15.8	14.8	15.9E	15.8	179	39.3	15
16	39.2	32.9	33.5	43.4	21.6	36.7	15.9	15.2	15.9E	15.4	186	36.0	16
17	37.4	31.6	37.8	49.0	22.9	36.2	16.1	15.3	16.0A	15.7	138	35.3	17
18	36.1	31.4	42.5	41.7	20.4	33.1	16.1	15.2	16.0A	16.2	69.6	34.6	18
19	35.2	30.5	41.1	41.6	17.1	24.1	16.2	15.2	15.8A	15.9	47.8	32.8	19
20	34.9	21.1	40.4	40.9	15.6	20.0	16.3	15.2	15.8	15.8	49.7	31.6	20
21	35.4	20.1	39.3	38.6	15.6	19.5	16.0	15.1	15.9	18.1	65.9	32.6	21
22	36.6	20.8	38.2	37.5	15.8	19.3	16.1	15.0	15.8	16.8	109	31.8	22
23	35.8	20.7	36.6	37.7	17.7	19.5	16.1	15.1	15.7	16.5	297	31.9	23
24	34.9	21.8	35.8	40.0	15.8	19.5	16.7	15.0	16.0	50.5	560	31.8	24
25	38.4	21.9	34.6	34.8	15.4	19.1	15.4	14.9	15.9	90.6	213	31.1	25
26	36.6	21.6	33.4	22.9	15.4	19.3	15.2	15.2	15.7	53.4	125	31.4	26
27	36.1	20.6	33.6	20.9	21.3	19.6	15.0	15.1	15.8	69.3	40.3	30.7	27
28	36.8	22.0	35.6	19.7	19.5	19.8	15.2	15.1	15.5	107	42.8	29.2	28
29	36.7		38.2	19.5	16.4	22.6	15.4	15.0	15.4	95.1	155	29.9	29
30	36.7		40.2	19.7	15.7	21.2	15.0	15.0	15.5	69.5	119	30.6	30
31	36.5		41.5		15.3		15.2	15.1		33.3		30.7	31
TOTAL	1 142.5	867.7	1 034.3	1 091.1	633.9	1 036.9	539.8	472.8	471.6	934.1	3 769.8	2 069.7	TOTAL
MEAN	36.9	31.0	33.4	36.4	20.4	34.6	17.4	15.3	15.7	30.1	126	66.8	MEAN
MAX	46.1	49.5	42.5	49.0	30.8	82.6	21.6	16.0	16.0	107	324	252	MAX
MIN	24.9	20.1	21.8	19.5	15.3	15.6	15.0	14.8	15.0	15.4	34.6	29.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 324 ON NOV 12
MINIMUM DAILY, 14.8 ON AUG 15
MAXIMUM INSTANTANEOUS,
494 AT 22:37 PST ON DEC 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 17 N
LONG 125 01 57 W

DRAINAGE AREA, 583 km²

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	98 700	JUL	46 600
FEB	75 000	AUG	40 800
MAR	89 400	SEP	40 700
APR	94 300	OCT	80 700
MAY	54 800	NOV	326 000
JUN	89 600	DEC	179 000

TOTAL DISCHARGE, 1 220 000 dam³

PUNTZI CREEK ABOVE PUNTZI LAKE - STATION NO. 08MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.328	0.026	0.191	0.088	0.030	0.022E	0.007	0.064E	---	1
2	---	---	---	0.477	0.045	0.198	0.085	0.029E	0.018E	0.008E	0.068	---	2
3	---	---	---	0.343	0.122	0.204	0.088	0.028	0.014	0.010	0.065E	---	3
4	---	---	---	0.428	0.049	0.254	0.085	0.027E	0.013E	0.012E	0.062E	---	4
5	---	---	---	0.343	0.052	0.247	0.081	0.026E	0.013	0.013	0.058	---	5
6	---	---	---	0.328	0.042	0.177	0.085	0.026	0.012E	0.012E	0.056E	---	6
7	---	---	---	0.295	0.037	0.198	0.105	0.021E	0.026	0.011E	0.055	---	7
8	---	---	---	0.276	0.035	0.211	0.088	0.016E	0.022E	0.010	0.050E	---	8
9	---	---	---	0.240	0.042	0.240	0.074	0.026E	0.018E	0.013E	0.045	---	9
10	---	---	---	0.170	0.052	0.225	0.071	0.037	0.035	0.016	0.040E	---	10
11	---	---	---	0.088	0.063	0.254	0.065	0.030E	0.020E	0.015E	0.070E	---	11
12	---	---	---	0.144	0.058	0.247	0.055	0.023E	0.010	0.013	0.074	---	12
13	---	---	---	0.139	0.091	0.225	0.037	0.016	0.017E	0.013E	0.070E	---	13
14	---	---	---	0.133	0.098	0.198	0.039	0.012E	0.024	0.013E	0.058	---	14
15	---	---	---	0.112	0.096	0.191	0.049	0.008	0.020E	0.013	0.060E	---	15
16	---	---	---	0.085	0.119	0.170	0.049	0.012E	0.016E	0.015E	0.061	---	16
17	---	---	---	0.068	0.088	0.157	0.045	0.010	0.012	0.017	0.059E	---	17
18	---	---	---	0.055	0.078	0.170	0.058	0.009E	0.013E	0.018E	0.057E	---	18
19	---	---	---	0.049	0.085	0.164	0.052	0.008E	0.014	0.019	0.055	---	19
20	---	---	0.074B	0.115	0.119	0.184	0.045	0.008	0.012E	0.019E	0.058	---	20
21	---	---	0.095B	0.291	0.122	0.184	0.039	0.006E	0.010	0.019E	0.058B	---	21
22	---	---	0.097B	0.107	0.105	0.144	0.035	0.004	0.010E	0.019	---	---	22
23	---	---	0.091B	0.037	0.071	0.108	0.039	0.008E	0.009E	0.022E	---	---	23
24	---	---	0.088B	0.025E	0.091	0.102	0.055	0.012	0.009	0.026	---	---	24
25	---	---	0.085B	0.020E	0.071	0.102	0.052	0.010E	0.013E	0.043E	---	---	25
26	---	---	0.085B	0.443	0.157	0.098	0.055	0.009E	0.017	0.061	---	---	26
27	---	---	0.098	0.204	0.254	0.091	0.049	0.008	0.012E	0.064E	---	---	27
28	---	---	0.102	0.157	0.211	0.085	0.052	0.007E	0.006	0.067E	---	---	28
29	---	---	0.128	0.233	0.191	0.088	0.052	0.005	0.005	0.071	---	---	29
30	---		0.191	0.021	0.170	0.091	0.045	0.012E	0.006E	0.066E	---	---	30
31	---		0.204		0.254		0.039	0.026		0.061		---	31
TOTAL	---	---	---	5.792	3.096	5.220	1.856	0.509	0.448	0.786	---	---	TOTAL
MEAN	---	---	---	0.193	0.100	0.174	0.060	0.016	0.015	0.025	---	---	MEAN
MAX	---	---	---	0.477	0.254	0.254	0.105	0.037	0.035	0.071	---	---	MAX
MIN	---	---	---	0.020	0.026	0.085	0.035	0.004	0.005	0.007	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.477 ON APR 02

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 12 29 N
LONG 124 04 06 W
DRAINAGE AREA, 508 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	160
FEB	---	AUG	44.0
MAR	---	SEP	38.7
APR	500	OCT	67.9
MAY	267	NOV	---
JUN	451	DEC	---

QUALITY CREEK NEAR THE MOUTH - STATION NO. 07FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.045B	0.015B	0.040B	0.004B	0.443	1.32	1.36	0.067	0.055	0.043	0.048	0.024B	1
2	0.034B	0.017B	0.042B	0.006B	0.440	1.06	0.937	0.066	0.051	0.047	0.045B	0.027B	2
3	0.024B	0.019B	0.044B	0.140B	0.444	1.12	1.36	0.060	0.045	0.047	0.042B	0.031B	3
4	0.022B	0.020B	0.046B	0.290	0.452	3.15	1.23	0.057	0.041	0.047	0.041B	0.034B	4
5	0.022B	0.020B	0.048B	0.349	0.456	2.18	0.842	0.054	0.038	0.047	0.040B	0.036B	5
6	0.022B	0.020B	0.048B	0.320B	0.475	1.52	0.685	0.052	0.035	0.046	0.039B	0.043B	6
7	0.024B	0.020B	0.046B	0.280B	0.465	1.12	0.473	0.052	0.035	0.044	0.039B	0.056B	7
8	0.030B	0.019B	0.042B	0.240B	0.487	0.933	0.357	0.053	0.039	0.049	0.041B	0.062B	8
9	0.040B	0.019B	0.034B	0.200B	0.504	0.771	0.319	0.047	0.039	0.061	0.044B	0.060B	9
10	0.050B	0.017B	0.030B	0.200B	0.517	0.708	0.601	0.050	0.038	0.059	0.050B	0.053B	10
11	0.049B	0.015B	0.030B	0.200B	0.496	3.89	0.390	0.048	0.036	0.054	0.052B	0.046B	11
12	0.047B	0.012B	0.032B	0.220B	0.544	7.34	0.286	0.042	0.038	0.053	0.045B	0.042B	12
13	0.044B	0.010B	0.034B	0.260B	0.654	5.49	0.280	0.040	0.038	0.052	0.040B	0.038B	13
14	0.044B	0.008B	0.036B	0.320B	0.641	3.18	0.254	0.038	0.035	0.047	0.036B	0.036B	14
15	0.045B	0.005B	0.038B	0.436	0.564	2.19	0.205	0.041	0.036	0.045	0.035B	0.035B	15
16	0.047B	0.004B	0.039B	0.359	0.528	1.52	0.173	0.042	0.036	0.046	0.036B	0.036B	16
17	0.050B	0.006B	0.040B	0.493	0.498	1.10	0.160	0.041	0.037	0.044	0.037B	0.036B	17
18	0.052B	0.008B	0.040B	0.678	0.478	0.893	0.161	0.044	0.036	0.045	0.042B	0.036B	18
19	0.050B	0.015B	0.038B	0.806	0.453	0.747	0.151	0.044	0.036	0.047	0.045B	0.035B	19
20	0.046B	0.018B	0.036B	0.868	0.426	0.595	0.143	0.044	0.036	0.045	0.039B	0.034B	20
21	0.042B	0.019B	0.024B	0.822	0.401	0.467	0.154	0.042	0.036	0.046	0.033B	0.033B	21
22	0.039B	0.022B	0.010B	0.767	0.374	0.382	0.125	0.037	0.037	0.048	0.030B	0.032B	22
23	0.036B	0.024B	0.008B	0.735	0.339	0.314	0.109	0.034	0.037	0.047	0.028B	0.030B	23
24	0.033B	0.026B	0.006B	1.05	0.316	0.271	0.101	0.044	0.038	0.048	0.027B	0.028B	24
25	0.029B	0.029B	0.004B	1.17	0.736	0.235	0.091	0.059	0.037	0.051	0.025B	0.027B	25
26	0.025B	0.030B	0.004B	0.889	1.31	0.210	0.088	0.051	0.037	0.052	0.024B	0.027B	26
27	0.021B	0.034B	0.003B	0.630	1.32	0.190	0.082	0.046	0.040A	0.051	0.024B	0.026B	27
28	0.018B	0.038B	0.003B	0.519	1.13	0.194	0.078	0.040	0.040	0.051	0.024B	0.025B	28
29	0.016B		0.003B	0.440	0.905	0.186	0.075	0.036	0.042	0.053	0.023B	0.023B	29
30	0.014B		0.003B	0.420	0.885	0.698	0.068	0.031	0.042	0.052	0.024B	0.022B	30
31	0.014B		0.003B		1.66		0.066	0.042		0.051		0.022B	31
TOTAL	1.074	0.509	0.854	14.111	19.341	43.974	11.804	1.444	1.166	1.518	1.098	1.095	TOTAL
MEAN	0.035	0.018	0.028	0.470	0.624	1.47	0.381	0.047	0.039	0.049	0.037	0.035	MEAN
MAX	0.052	0.038	0.048	1.17	1.66	7.34	1.36	0.067	0.055	0.061	0.052	0.062	MAX
MIN	0.014	0.004	0.003	0.004	0.316	0.186	0.066	0.031	0.035	0.043	0.023	0.022	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.268
MAXIMUM DAILY, 7.34 ON JUN 12
MINIMUM DAILY, 0.003B ON MAR 27
MAXIMUM INSTANTANEOUS,
11.0 AT 10:30 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 45 N
LONG 120 55 24 W
DRAINAGE AREA, 29.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	92.8	JUL	1 020
FEB	44.0	AUG	125
MAR	73.8	SEP	101
APR	1 220	OCT	131
MAY	1 670	NOV	94.9
JUN	3 800	DEC	94.6

TOTAL DISCHARGE, 8 470 dam³

QUAMICHAN CREEK AT OUTLET OF QUAMICHAN LAKE - STATION NO. 08HA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.413E	0.244	0.139	0.080	0.010	0	---	---	---	1
2	---	---	---	0.413	0.237	0.139	0.086	0.010	0	---	---	---	2
3	---	---	---	0.404	0.226	0.139	0.081	0.009	0	---	---	---	3
4	---	---	---	0.390	0.227	0.147	0.081	0.008	0	---	---	---	4
5	---	---	---	0.381	0.221	0.149	0.076	0.006	0	---	---	---	5
6	---	---	---	0.358	0.201	0.149	0.072	0.001	0	---	---	---	6
7	---	---	---	0.344	0.192	0.149	0.070	0.001	0	---	---	---	7
8	---	---	---	0.331	0.192	0.149	0.067	0.001	0	---	---	---	8
9	---	---	---	0.322	0.198	0.149	0.067	0	0	---	---	---	9
10	---	---	---	0.313	0.195	0.158	0.064	0	0	---	---	---	10
11	---	---	---	0.296	0.182	0.153	0.062	0	0	---	---	---	11
12	---	---	---	0.288	0.182	0.153	0.059	0	0	---	---	---	12
13	---	---	---	0.284	0.184	0.149	0.057	0	0	---	---	---	13
14	---	---	---	0.280	0.177	0.144	0.055	0	0	---	---	---	14
15	---	---	---	0.272	0.170	0.141	0.052	0	0	---	---	---	15
16	---	---	---	0.269	0.167	0.137	0.048	0	0	---	---	---	16
17	---	---	---	0.261	0.167	0.135	0.044	0	0	---	---	---	17
18	---	---	---	0.258	0.170	0.135	0.043	0	0	---	---	---	18
19	---	---	---	0.258	0.156	0.131	0.041	0	0	---	---	---	19
20	---	---	---	0.254	0.158	0.127	0.036	0	0	---	---	---	20
21	---	---	---	0.244	0.153	0.125	0.033	0	0	---	---	---	21
22	---	---	---	0.241	0.149	0.124	0.029	0 E	0	---	---	---	22
23	---	---	---	0.258	0.147	0.116	0.027	0	0	---	---	---	23
24	---	---	---	0.258	0.145	0.104	0.024	0	0	---	---	---	24
25	---	---	---	0.258	0.139	0.102	0.022	0	0	---	---	---	25
26	---	---	---	0.258	0.137	0.099	0.021	0	0	---	---	---	26
27	---	---	---	0.258	0.135	0.097	0.019	0	0	---	---	---	27
28	---	---	---	0.258E	0.135	0.092	0.017	0	0	---	---	---	28
29	---	---	---	0.258	0.129	0.089	0.014	0	0	---	---	---	29
30	---		---	0.251E	0.127	0.084	0.013	0	0	---	---	---	30
31	---		---		0.137		0.011	0		---		---	31
TOTAL	---	---	---	8.931	5.389	3.904	1.471	0.046	0	---	---	---	TOTAL
MEAN	---	---	---	0.298	0.174	0.130	0.048	0.002	0	---	---	---	MEAN
MAX	---	---	---	0.413	0.244	0.158	0.086	0.010	0	---	---	---	MAX
MIN	---	---	---	0.241	0.127	0.084	0.011	0	0	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 09

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 17 N
LONG 123 40 17 W

E - ESTIMATED
REGULATED SINCE 1990

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	127
FEB	---	AUG	3.97
MAR	---	SEP	0
APR	772	OCT	---
MAY	466	NOV	---
JUN	337	DEC	---

QUAMICHAN LAKE NEAR DUNCAN - STATION NO. 08HA020

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.391E	1.288	1.182	1.111	0.928E	0.768	---	---	---	1
2	---	---	---	1.386	1.281	1.181	1.097	0.924E	0.769	---	---	---	2
3	---	---	---	1.381	1.285	1.186	1.087	0.917E	0.769	---	---	---	3
4	---	---	---	1.381	1.284	1.186	1.085	0.910E	0.769	---	---	---	4
5	---	---	---	1.376	1.273	1.186	1.082	0.902E	0.789	---	---	---	5
6	---	---	---	1.376	1.259	1.186	1.082	0.898E	0.789	---	---	---	6
7	---	---	---	1.376	1.249	1.188	1.067	0.892E	0.789	---	---	---	7
8	---	---	---	1.371	1.239	1.187	1.067	0.866E	0.789	---	---	---	8
9	---	---	---	1.366	1.229	1.188	1.062	0.886	0.789	---	---	---	9
10	---	---	---	1.366	1.224	1.188	1.052	0.860E	0.789	---	---	---	10
11	---	---	---	1.361	1.209	1.187	1.047	0.838	0.779	---	---	---	11
12	---	---	---	1.350	1.209	1.186	1.037	0.818	0.779	---	---	---	12
13	---	---	---	1.340	1.209	1.180E	1.032	0.818	0.779	---	---	---	13
14	---	---	---	1.335	1.204	1.178E	1.028	0.808	0.779	---	---	---	14
15	---	---	---	1.292	1.199	1.174E	1.028	0.808	0.769	---	---	---	15
16	---	---	---	1.291	1.199	1.170E	1.028	0.788	0.759	---	---	---	16
17	---	---	---	1.290	1.189	1.165E	1.008	0.798	0.759	---	---	---	17
18	---	---	---	1.288	1.189	1.160E	1.008	0.798	0.759	---	---	---	18
19	---	---	---	1.288	1.189	1.156E	0.998	0.818	0.759	---	---	---	19
20	---	---	---	1.287	1.188	1.151	0.998	0.818	0.759	---	---	---	20
21	---	---	---	1.287	1.189	1.150E	0.993E	0.808	0.759	---	---	---	21
22	---	---	---	1.288	1.187	1.148E	0.985E	0.808	0.759	---	---	---	22
23	---	---	---	1.288	1.186	1.147E	0.980E	0.808	0.759	---	---	---	23
24	---	---	---	1.286	1.185	1.145E	0.974E	0.798	0.759	---	---	---	24
25	---	---	---	1.287	1.185	1.143E	0.968E	0.788	0.757	---	---	---	25
26	---	---	---	1.288	1.184	1.140E	0.962E	0.768	0.759	---	---	---	26
27	---	---	---	1.288	1.183	1.136E	0.958E	0.768	0.749	---	---	---	27
28	---	---	---	1.290	1.182	1.132E	0.952E	0.748	0.749	---	---	---	28
29	---		---	1.290	1.182	1.127E	0.946E	0.748	0.749	---	---	---	29
30	---		---	1.288	1.181	1.121E	0.939E	0.748	0.739	---	---	---	30
31	---		---		1.181		0.934E	0.788		---		---	31
MEAN	---	---	---	1.326	1.214	1.165	1.019	0.828	0.768	---	---	---	MEAN
MAX	---	---	---	1.391	1.288	1.188	1.111	0.928	0.789	---	---	---	MAX
MIN	---	---	---	1.286	1.181	1.121	0.934	0.748	0.739	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 26 N
LONG 123 40 28 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

QUESNEL LAKE NEAR LIKELY - STATION NO. 08KH011

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.428	0.293	0.227	0.199	1.234	2.190	2.626	1.563	0.879	0.445	0.372	0.555	1
2	0.421	0.317	0.217	0.199	1.247	2.247	2.597	1.529	0.857	0.421	0.373	0.541	2
3	0.438	0.305	0.217	0.212	1.264	2.299	2.573	1.503	0.847	0.425	0.379	0.558	3
4	0.437	0.304	0.208	0.216	1.277	2.333	2.539	1.470	0.832	0.452	0.360	0.533	4
5	0.437	0.302	0.209	0.229	1.320	2.369	2.493	1.445	0.812	0.436	0.339	0.521	5
6	0.425	0.283	0.214	0.250	1.373	2.388	2.462	1.409	0.804	0.433	0.363	0.531	6
7	0.427	0.289	0.210	0.263	1.420	2.403	2.439	1.378	0.781	0.424	0.366	0.536	7
8	0.423	0.286	0.199	0.281	1.456	2.413	2.408	1.355	0.760	0.428	0.357	0.513	8
9	0.415	0.300	0.221	0.304	1.482	2.421	2.382	1.324	0.741	0.430	0.357	0.484	9
10	0.392	0.304	0.219	0.323	1.499	2.429	2.365	1.297	0.723	0.426	0.350	0.496	10
11	0.391	0.297	0.211	0.340	1.503	2.467	2.325	1.274	0.720	0.436	0.379	0.481	11
12	0.392	0.279	0.203	0.358	1.521	2.529	2.307	1.255	0.691	0.440	0.447	0.480	12
13	0.384	0.272	0.205	0.373	1.531	2.606	2.282	1.240	0.677	0.422	0.475	0.470	13
14	0.387	0.286	0.209	0.407	1.539	2.670	2.262	1.208	0.664	0.422	0.504	0.473	14
15	0.387	0.274	0.194	0.439	1.535	2.690	2.222	1.180	0.647	0.414	0.533	0.437	15
16	0.378	0.257	0.194	0.483	1.544	2.705	2.168	1.169	0.634	0.395	0.553	0.426	16
17	0.378	0.254	0.189	0.523	1.552	2.723	2.150	1.156	0.632	0.401	0.549	0.442	17
18	0.366	0.255	0.197	0.560	1.564	2.728	2.085	1.133	0.622	0.384	0.558	0.417	18
19	0.353	0.252	0.195	0.628	1.577	2.729	2.040	1.106	0.596	0.367	0.575	0.405	19
20	0.346	0.266	0.191	0.709	1.592	2.727	1.989	1.088	0.585	0.365	0.566	0.389	20
21	0.353	0.263	0.192	0.800	1.609	2.723	1.946	1.052	0.578	0.370	0.583	0.386	21
22	0.360	0.264	0.186	0.867	1.641	2.733	1.899	1.032	0.563	0.364	0.584	0.390	22
23	0.352	0.257	0.194	0.939	1.654	2.741	1.855	1.017	0.557	0.358	0.589	0.386	23
24	0.359	0.249	0.195	1.009	1.679	2.758	1.819	0.998	0.541	0.349	0.572	0.389	24
25	0.355	0.249	0.197	1.067	1.717	2.759	1.789	0.971	0.523	0.350	0.564	0.386	25
26	0.340	0.243	0.202	1.115	1.783	2.748	1.755	0.963	0.504	0.364	0.581	0.393	26
27	0.340	0.247	0.202	1.155	1.833	2.739	1.722	0.951	0.492	0.390	0.585	0.375	27
28	0.334	0.238	0.202	1.180	1.880	2.712	1.697	0.933	0.495	0.385	0.584	0.360	28
29	0.320		0.194	1.205	1.955	2.685	1.672	0.898	0.463	0.400	0.567	0.362	29
30	0.317		0.178	1.219	2.051	2.652	1.637	0.883	0.452	0.387	0.557	0.388	30
31	0.306		0.189		2.130		1.599	0.885		0.375		0.388	31
MEAN	0.379	0.274	0.202	0.595	1.579	2.577	2.132	1.183	0.656	0.402	0.484	0.448	MEAN
MAX	0.438	0.317	0.227	1.219	2.130	2.759	2.626	1.563	0.879	0.452	0.589	0.558	MAX
MIN	0.306	0.238	0.178	0.199	1.234	2.190	1.599	0.883	0.452	0.349	0.339	0.360	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 0.913
MAXIMUM DAILY, 2.759 ON JUN 25
MINIMUM DAILY, 0.178 ON MAR 30
MAXIMUM INSTANTANEOUS,
2.772 AT 17:20 PST ON JUN 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 121 32 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

QUESNEL RIVER AT LIKELY - STATION NO. 08KH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	63.3	49.3	42.7	39.9	177	374	491	233	125	65.4	57.2	79.7	1
2	62.5	51.7	41.7	39.9	180	388	483	226	122	62.5	57.3	77.8	2
3	64.6	50.5	41.7	41.2	182	402	476	221	121	62.9	57.9	80.1	3
4	64.4	50.4	40.8	41.6	184	410	467	215	118	66.3	56.0	76.7	4
5	64.4	50.2	40.9	42.9	191	420	454	211	116	64.3	53.9	75.0	5
6	63.0	48.3	41.4	45.0	200	425	445	205	114	63.9	56.3	76.3	6
7	63.3	48.9	41.0	46.3	207	429	439	200	111	62.9	56.6	77.0	7
8	62.7	48.6	39.9	48.1	213	432	430	197	108	63.3	58.7	73.9	8
9	61.8	50.0	42.1	50.4	217	434	423	192	106	63.6	59.7	70.0	9
10	59.2	50.4	41.9	52.3	220	436	419	188	103	63.1	55.0	71.5	10
11	59.1	49.7	41.1	54.0	221	447	409	184	103	64.3	57.9	69.7	11
12	59.2	47.9	40.3	55.8	224	464	404	181	98.8	64.8	65.7	69.6	12
13	58.4	47.6	40.5	57.3	226	486	397	178	96.8	62.7	68.9	68.5	13
14	58.7	48.6	40.9	60.8	228	503	392	173	95.0	62.7	72.5	68.8	14
15	58.7	47.4	39.4	64.7	227	509	382	169	92.5	61.7	76.6	64.5	15
16	57.8	45.7	39.4	70.0	229	514	368	167	90.8	59.5	79.4	63.1	16
17	57.8	45.4	38.9	75.2	230	518	359	165	90.4	60.1	78.8	65.0	17
18	56.6	45.5	39.7	80.3	233	520	348	161	89.0	58.4	80.1	62.1	18
19	55.3	45.2	39.5	89.9	235	520	338	157	85.4	56.7	82.5	60.6	19
20	54.6	46.6	39.1	101	238	520	325	154	83.9	56.5	81.2	58.9	20
21	55.3	46.3	39.2	114	242	519	315	149	82.9	57.0	83.6	58.6	21
22	56.0	46.4	38.6	123	248	521	304	146	80.9	56.4	83.8	59.0	22
23	55.2	45.7	39.4	133	251	523	294	144	80.0	55.8	84.5	58.6	23
24	55.9	44.9	39.5	143	256	528	286	142	77.7	54.9	82.1	58.9	24
25	55.5	44.9	39.7	151	264	528	279	138	75.2	55.0	80.9	58.6	25
26	54.0	44.3	40.2	158	278	525	272	137	72.6	56.4	83.3	59.3	26
27	54.0	44.7	40.2	165	289	523	265	135	71.0	59.0	83.9	57.5	27
28	53.4	43.8	40.2	169	300	515	259	133	71.4	58.5	83.8	56.0	28
29	52.0		39.4	173	317	508	254	128	67.5	60.0	81.3	56.2	29
30	51.7		37.8	175	340	498	247	126	66.2	58.7	80.0	58.8	30
31	50.6		38.9		359		240	126		57.5		58.8	31
TOTAL	1 799.0	1 328.5	1 246.0	2 660.6	7 406	14 339	11 264	5 281	2 815.0	1 874.8	2 132.4	2 049.1	TOTAL
MEAN	58.0	47.4	40.2	88.7	239	478	363	170	93.8	60.5	71.1	66.1	MEAN
MAX	64.6	51.7	42.7	175	359	528	491	233	125	66.3	84.5	80.1	MAX
MIN	50.6	43.8	37.8	39.9	177	374	240	126	66.2	54.9	53.9	56.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 528 ON JUN 24
MINIMUM DAILY, 37.8 ON MAR 30
MAXIMUM INSTANTANEOUS,
532 AT 17:20 PST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 54 N
LONG 121 34 15 W
DRAINAGE AREA, 5 930 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	155 000	JUL	973 000
FEB	115 000	AUG	456 000
MAR	108 000	SEP	243 000
APR	230 000	OCT	162 000
MAY	640 000	NOV	184 000
JUN	1 240 000	DEC	177 000

TOTAL DISCHARGE, 4 680 000 dam³

QUESNEL RIVER NEAR QUESNEL - STATION NO. 08KH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	127	94.2B	76.0B	94.0B	361	812	772	366	203	115	122	138	1
2	128	92.7B	76.0B	96.0B	361	808	770	362	207	111	120	137	2
3	129	92.0B	75.8B	103 B	361	820	763	353	209	102	115	137	3
4	129	92.2B	75.6B	107 B	367	851	763	335	209	103	113	138	4
5	129	93.0B	75.3B	111 B	391	869	739	328	194	105	106	138	5
6	128	92.8B	75.0B	117 B	464	827	721	322	188	110	104	136	6
7	127	92.0B	74.6B	124 B	488	826	696	314	178	111	105	135	7
8	127	90.5B	74.3B	132 B	494	815	681	310	172	113	105	129	8
9	126	89.7B	74.2B	139 B	477	823	665	303	169	114	104	123	9
10	126	88.2B	74.1B	147 B	457	798	658	297	166	117	114	121	10
11	121	86.8B	74.0B	156 B	456	827	649	289	163	118	132	120	11
12	122	85.2B	73.9B	168 B	450	915	646	283	158	116	151	116	12
13	121	84.0B	73.7B	178 B	452	956	643	276	154	114	184	113	13
14	120	82.0B	73.5B	189 B	443	967	636	274	150	112	199	105	14
15	118	80.5B	73.1B	202 B	435	925	628	270	146	105	198	106	15
16	112	79.5B	74.0B	220 B	434	916	605	267	144	103	197	106	16
17	106	78.0B	74.8B	243	479	907	569	263	141	102	197	107	17
18	100	76.5B	76.3B	264	490	866	555	261	140	101	192	104 B	18
19	95.7	75.0B	79.0B	283	469	840	544	260	140	100	188	102 B	19
20	87.6	74.0B	80.5B	333	471	878	520	248	137	103	179	97.5B	20
21	95.7	73.2B	82.5B	374	478	867	464	240	135	107	176	98.5B	21
22	104 B	72.8B	83.0B	383	503	861	441	239	135	111	173	99.5B	22
23	107 B	72.8B	82.0B	389	514	868	434	236	133	112	167	99.5B	23
24	106	73.0B	80.5B	406	524	878	429	231	129	114	163	99.0B	24
25	105	73.7B	80.0B	419	540	900	422	224	127	120	160	98.0B	25
26	104	74.5B	80.8B	407	573	892	420	222	125	120	156	96.5B	26
27	102	75.5B	81.8B	403	580	885	414	216	124	122	140	94.0B	27
28	101	76.2B	83.0B	386	642	866	408	206	123	125	139	87.5B	28
29	99.0B		86.0B	373	683	830	399	196	122	130	139	84.0B	29
30	97.8B		88.0B	361	767	800	390	185	121	128	138	91.0B	30
31	95.9B		90.5B		885		378	175		126		90.0B	31
TOTAL	3 496.7	2 310.5	2 421.8	7 309.0	15 489	25 893	17 822	8 353	4 642	3 490	4 476	3 446.0	TOTAL
MEAN	113	82.5	78.1	244	500	863	575	269	155	113	149	111	MEAN
MAX	129	94.2	90.5	419	885	967	772	366	209	130	199	138	MAX
MIN	87.6	72.8	73.1	94.0	361	798	378	175	121	100	104	84.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 272
MAXIMUM DAILY, 967 ON JUN 14
MINIMUM DAILY, 72.8B ON FEB 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 50 37 N
LONG 122 13 25 W
DRAINAGE AREA, 11 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	302 000	JUL	1 540 000
FEB	200 000	AUG	722 000
MAR	209 000	SEP	401 000
APR	631 000	OCT	302 000
MAY	1 340 000	NOV	387 000
JUN	2 240 000	DEC	298 000

TOTAL DISCHARGE, 8 570 000 dam³

QUINSAM RIVER NEAR CAMPBELL RIVER - STATION NO. 08HD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.41	9.14	5.80	6.16	3.84	3.37	2.99	1.69	2.42	2.86	16.3	32.3	1
2	5.44	8.72	5.79	6.48	3.92	3.40	2.90	1.65	2.31	2.82	11.7	25.1	2
3	5.52	21.9	5.72	6.57	3.83	6.31	2.84	1.65	2.21	3.19	10.4	35.4	3
4	5.72	25.5	6.22	5.99	3.93	7.89	2.81	1.69	2.18	3.17	9.17	83.8	4
5	7.60	25.2	6.52	5.62	3.95	7.57	2.82	1.64	2.12	3.05	8.13	80.6	5
6	22.1	20.5	6.58	5.27	3.89	7.07	2.94	1.67	2.06	3.05	7.13	68.0	6
7	36.5	16.2	7.21	5.06	3.76	6.70	3.05	1.62	2.01	3.05	7.21	52.2	7
8	37.7	12.9	7.20	4.98	3.47	6.90	3.02	1.57	2.00	3.05	7.04	37.3	8
9	34.4	12.8	8.66	4.89	3.28	6.68	3.01	1.58	2.07	3.01	10.6	30.6	9
10	26.3	13.6	10.2	4.72	3.08	9.24	2.84	1.60	2.11	3.04	20.3	25.3	10
11	19.2	12.1	8.21	4.60	3.02	14.5	2.71	1.61	2.24	3.03	41.0	19.2	11
12	14.7	10.8	7.33	4.90	3.89	14.1	2.60	1.49	2.35	3.11	82.6	18.0	12
13	13.7	9.38	7.34	4.91	3.21	11.4	2.36	1.53	2.40	3.02	91.8	14.8	13
14	15.2	8.44	9.88	4.78	3.33	9.10	2.23	1.51	2.49	3.11	72.8	12.1	14
15	14.2	7.97	9.16	4.61	3.34	7.39	2.22	1.51	2.52	3.20	51.8	12.1	15
16	14.9	7.27	9.14	4.77	3.27	5.89	2.22	1.60	2.52	3.25	35.9	9.42	16
17	12.4	6.54B	8.82	5.90	3.23	5.13	2.16	1.64	2.67	3.20	25.7	8.53	17
18	10.7	5.99B	9.11	6.33	3.24	4.65	2.08	1.66	2.66	3.17	20.6	7.87	18
19	9.32	5.54	9.24	6.64	3.28	4.28	2.06	1.59	2.67	3.11	17.0	6.12	19
20	8.22	5.30	9.05	6.40	3.43	3.96	2.06	1.54	2.67	3.20	14.1	5.22	20
21	8.22	5.12	8.99	5.84	3.38	3.72	1.92	1.50	2.59	3.58	12.7	4.80	21
22	9.29	4.93	8.78	5.30	3.96	3.41	1.92	1.58	2.65	3.63	13.1	5.12	22
23	8.46	4.83	8.91	5.17	3.93	3.22	2.02	1.62	2.60	3.70	58.1	5.08	23
24	8.10	5.38	8.40	5.02	3.89	2.92	1.87	1.55	2.76	5.30	95.6	4.58	24
25	9.63	5.58	7.75	5.19	3.79	2.74	1.77	1.45	2.77	18.4	71.9	4.34	25
26	9.34	5.76	7.20	4.93	3.58	2.67	1.80	1.52	2.80	22.4	46.3	4.31	26
27	9.22	5.81	6.63	4.96	3.75	2.78	1.68	1.55	2.76	15.4	28.3	4.29	27
28	11.0	5.78	6.28	4.55	3.86	2.74	1.75	1.57	2.74	14.3	18.9	3.57	28
29	11.3		5.86	4.24	4.04	2.91	1.59	1.63	2.89	16.3	31.3	3.30	29
30	11.0		5.57	4.01	3.89	3.08	1.75	1.75	2.86	23.8	35.7	3.61	30
31	9.47		5.79		3.64		1.68	2.12		21.5		3.73	31
TOTAL	424.06	288.98	237.34	158.79	110.90	175.72	71.67	49.88	74.10	210.00	973.18	630.69	TOTAL
MEAN	13.7	10.3	7.66	5.29	3.58	5.86	2.31	1.61	2.47	6.77	32.4	20.3	MEAN
MAX	37.7	25.5	10.2	6.64	4.04	14.5	3.05	2.12	2.89	23.8	95.6	83.8	MAX
MIN	5.41	4.83	5.57	4.01	2.89	2.67	1.59	1.45	2.00	2.82	7.04	3.30	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.33
MAXIMUM DAILY, 95.6 ON NOV 24
MINIMUM DAILY, 1.45 ON AUG 25
MAXIMUM INSTANTANEOUS,
106 AT 05:00 PST ON NOV 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 45 N
LONG 125 17 55 W
DRAINAGE AREA, 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 600	JUL	6 190
FEB	25 000	AUG	4 310
MAR	20 500	SEP	6 400
APR	13 700	OCT	18 100
MAY	9 580	NOV	84 100
JUN	15 200	DEC	54 500

TOTAL DISCHARGE, 294 000 dam³

RABBIT RIVER NEAR THE MOUTH - STATION NO. 10BE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.70B	7.15B	7.20B	7.60B	17.7	203	89.6	43.6	26.0	20.9	11.6 B	4.90B	1
2	8.50B	7.08B	7.17B	7.57B	18.4	158	83.9	40.5	25.8	20.7	10.3 B	5.00B	2
3	8.45B	7.10B	7.20B	7.52B	18.4	132	78.7	37.6	26.1	20.8	8.60B	5.20B	3
4	8.38B	7.07B	7.28B	7.40B	19.7	122	73.4	35.8	26.1	20.9	8.30B	5.60B	4
5	8.32B	7.03B	7.40B	7.33B	22.4	121	69.1	33.4	26.6	20.7	8.60B	5.82B	5
6	8.27B	6.95B	7.30B	7.28B	26.3	121	64.6	32.6	29.3	20.3	9.20B	6.30B	6
7	8.25B	6.86B	7.20B	7.29B	27.7	125	61.3	36.1	30.0	19.2	9.65B	6.50B	7
8	8.23B	6.84B	7.15B	7.30B	24.8	136	58.9	35.1	27.9	19.9	9.70B	6.70B	8
9	8.22B	6.86B	7.17B	7.42B	23.9	132	60.5	31.3	27.4	20.0	9.30B	6.80B	9
10	8.21B	6.84B	7.19B	7.46B	25.7	120	59.8	29.6	27.3	20.0	8.85B	6.60B	10
11	8.20B	6.82B	7.23B	7.60B	28.9	114	55.9	28.7	26.9	19.8	8.55B	6.30B	11
12	8.17B	6.80B	7.20B	7.80B	27.7	112	52.9	27.3	27.2	18.4	8.58B	6.26B	12
13	8.15B	6.73B	7.30B	8.00B	28.0	109	53.3	26.0	28.4	19.1	8.60B	6.28B	13
14	8.12B	6.65B	7.37B	8.23B	29.7	109	54.3	25.8	26.5	19.2	8.62B	6.30B	14
15	8.10B	6.68B	7.40B	8.50B	31.4	110	49.2	25.5	26.1	18.0	8.70B	6.20B	15
16	8.07B	6.70B	7.35B	8.80B	37.0	108	48.7	25.3	25.8	16.9	8.65B	6.11B	16
17	8.02B	6.73B	7.28B	9.05B	47.6	97.3	53.0	25.4	26.0	15.0	8.68B	6.00B	17
18	7.95B	6.72B	7.10B	9.30B	57.3	84.8	59.0	24.8	25.2	15.0	8.70B	5.85B	18
19	7.90B	6.78B	7.03B	9.38B	65.3	79.1	58.7	24.2	25.1	16.9B	8.70B	5.68B	19
20	7.87B	6.74B	7.00B	9.35B	69.0	74.3	55.3	24.0	25.3	17.3B	8.65B	5.60B	20
21	7.83B	6.65B	6.98B	9.30B	70.4	69.7	52.8	24.7	24.5	17.6B	8.60B	5.62B	21
22	7.77B	6.67B	7.03B	9.10B	72.8	73.3	50.7	26.2	24.4	18.6B	8.10B	5.67B	22
23	7.60B	6.73B	7.10B	9.05B	79.8	82.3	56.2	31.1	23.9	17.9B	7.50B	5.70B	23
24	7.40B	6.90B	7.15B	9.10B	81.7	87.6	57.4	30.5	23.6	16.5B	6.90B	5.58B	24
25	7.25B	7.00B	7.23B	9.30B	76.3	88.2	55.1	29.2	23.0	18.8B	6.70B	5.55B	25
26	7.15B	7.18B	7.38B	9.95B	76.5	93.1	51.3	28.5	22.5	16.2B	6.65B	5.50B	26
27	7.16B	7.20B	7.47B	11.2 B	91.9	90.0	48.0	27.7	22.1	12.9B	6.68B	5.33B	27
28	7.17B	7.22B	7.57B	13.7 B	114	89.4	44.7	27.0	21.7	12.2B	6.70B	5.31B	28
29	7.18B		7.62B	14.8 B	134	87.5	42.1	25.9	21.4	12.1B	6.80B	5.20B	29
30	7.19B		7.64B	16.2	149	88.9	39.5	25.2	21.3	12.3B	5.65B	5.10B	30
31	7.19B		7.65B		184		38.4	25.3		12.4B		4.95B	31
TOTAL	244.97	192.68	225.34	271.88	1 777.3	3 217.5	1 776.3	914.5	763.4	546.5	250.81	179.51	TOTAL
MEAN	7.90	6.88	7.27	9.06	57.3	107	57.3	29.5	25.4	17.6	8.36	5.79	MEAN
MAX	8.70	7.22	7.65	16.2	184	203	89.6	43.6	30.0	20.9	11.6	6.80	MAX
MIN	7.15	6.65	6.98	7.28	17.7	69.7	38.4	24.0	21.3	12.1	5.65	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.4
MAXIMUM DAILY, 203 ON JUN 01
MINIMUM DAILY, 4.90B ON DEC 01
MAXIMUM INSTANTANEOUS,
217 AT 03:10 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 36 34 N
LONG 127 05 46 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 200	JUL	153 000
FEB	16 600	AUG	79 000
MAR	19 500	SEP	66 000
APR	23 500	OCT	47 200
MAY	154 000	NOV	21 700
JUN	278 000	DEC	15 500

TOTAL DISCHARGE, 895 000 dam³

RASPBERRY CREEK NEAR THE MOUTH - STATION NO. 10CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0B	0 B	0.008B	8.00B	10.7	1.03	0.048	0.014	0.001	0.019B	0 B	1
2	0.002B	0B	0 B	0.007B	19.8 E	11.0	0.976	0.047	0.019	0.002	0.014B	0 B	2
3	0.001B	0B	0 B	0.007B	18.0 E	7.68	0.850	0.030	0.018	0.024	0.010B	0 B	3
4	0 B	0B	0 B	0.007B	16.2 E	6.12	0.732	0.027	0.014	0.035	0.010B	0 B	4
5	0 B	0B	0 B	0.008B	15.0 E	4.89	0.596	0.027	0.025	0.040	0.010B	0 B	5
6	0 B	0B	0 B	0.008B	15.3 E	4.30	0.541	0.021	0.029	0.038	0.012B	0 B	6
7	0 B	0B	0 B	0.008B	14.5 E	6.08	0.525	0.009	0.023	0.051	0.013B	0.001B	7
8	0 B	0B	0 B	0.008B	13.5 A	6.62	0.613	0.013	0.015	0.045	0.012B	0.002B	8
9	0 B	0B	0 B	0.007B	10.9	5.60	0.674	0.021	0.012	0.043	0.013B	0.003B	9
10	0 B	0B	0 B	0.008B	9.07	4.59	0.573	0.016	0.008	0.035	0.011B	0.003B	10
11	0 B	0B	0 B	0.010B	8.06	3.77	0.458	0.005	0.009	0.035	0.008B	0.002B	11
12	0.001B	0B	0 B	0.011B	7.05	3.15	0.429	0.004	0.004	0.036	0.004B	0.001B	12
13	0.001B	0B	0 B	0.014B	6.25	2.68	0.371	0.003	0.004	0.030	0.003B	0 B	13
14	0.001B	0B	0 B	0.016B	5.53	2.36	0.328	0.002	0.004	0.029B	0.004B	0.001B	14
15	0.001B	0B	0.001B	0.019B	5.00	2.03	0.293	0.001	0.004	0.029B	0.004B	0.002B	15
16	0.001B	0B	0.001B	0.021B	4.60	1.80	0.253	0.001	0.003	0.027B	0.003B	0.002B	16
17	0.001B	0B	0.001B	0.023B	4.26	1.52	0.251	0.001	0.002	0.026B	0.004B	0.002B	17
18	0.001B	0B	0 B	0.028B	3.92	1.26	0.228	0.001	0.002	0.024B	0.005B	0.001B	18
19	0.001B	0B	0 B	0.034B	3.58	1.03	0.237	0.001	0.002	0.024B	0.006B	0 B	19
20	0.001B	0B	0 B	0.037B	3.35	0.903	0.206	0	0.002	0.024B	0.004B	0 B	20
21	0.001B	0B	0 B	0.037B	3.14	0.767	0.159	0.001	0.002	0.024B	0.003B	0 B	21
22	0.001B	0B	0 B	0.035B	2.84	0.663	0.152	0.008	0	0.023B	0.001B	0 B	22
23	0.001B	0B	0 B	0.034B	2.56	0.738	0.129	0.005	0	0.023B	0 B	0 B	23
24	0 B	0B	0.001B	0.039B	2.24	0.790	0.144	0.009	0	0.023B	0 B	0.001B	24
25	0 B	0B	0.002B	0.052B	2.01	0.734	0.151	0.016	0.001	0.022B	0 B	0.001B	25
26	0 B	0B	0.003B	0.095B	1.89	0.681	0.158	0.009	0.001	0.022B	0 B	0 B	26
27	0 B	0B	0.004B	0.200B	1.95	0.882	0.121	0.005	0	0.021B	0 B	0 B	27
28	0 B	0B	0.006B	0.560B	2.26	1.04	0.088	0.004	0	0.020B	0 B	0.001B	28
29	0 B		0.007B	1.40 B	2.02	0.915	0.075	0.001	0	0.020B	0 B	0.001B	29
30	0 B		0.008B	3.00 B	1.94	0.926	0.079	0	0.001	0.020B	0 B	0 B	30
31	0 B		0.008B		4.01		0.052	0.014		0.019B		0 B	31
TOTAL	0.018	0	0.042	5.741	218.73	95.219	11.472	0.350	0.218	0.835	0.173	0.024	TOTAL
MEAN	0.001	0	0.001	0.191	7.06	3.17	0.370	0.011	0.007	0.027	0.006	0.001	MEAN
MAX	0.003	0	0.008	3.00	19.8	10.7	1.03	0.048	0.029	0.051	0.019	0.003	MAX
MIN	0	0	0	0.007	1.89	0.663	0.052	0	0	0.001	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.912
MAXIMUM DAILY, 19.8E ON MAY 02
MINIMUM DAILY, 0B ON JAN 04
MAXIMUM INSTANTANEOUS,
22.8E ON MAY 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 53 38 N
LONG 123 19 09 W
DRAINAGE AREA, 273 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1.56	JUL	991
FEB	0	AUG	30.2
MAR	3.63	SEP	16.8
APR	496	OCT	72.1
MAY	18 900	NOV	14.9
JUN	8 230	DEC	2.07

TOTAL DISCHARGE, 28 800 dam³

REVELSTOKE PROJECT OUTFLOW - STATION NO. 08ND025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	553	814	681	0	742	631	761	1 430	1 230	620	482	542	1
2	883	733	1 000	477	520	557	991	1 520	1 220	667	326	485	2
3	799	338	715	457	761	721	1 100	1 390	1 120	746	663	811	3
4	699	176	782	364	527	730	1 080	1 230	1 110	572	457	465	4
5	764	657	804	568	591	635	739	1 320	1 110	817	769	531	5
6	270	571	1 160	500	754	542	930	1 290	1 220	694	795	454	6
7	318	600	972	0	910	392	921	1 530	1 090	548	735	544	7
8	697	665	1 030	0	673	675	782	1 530	1 230	668	556	565	8
9	632	594	1 100	619	492	317	927	1 490	1 090	687	490	505	9
10	851	294	1 110	654	723	632	1 090	1 450	1 130	782	345	703	10
11	926	65.4	1 030	611	651	788	1 200	1 500	793	864	353	699	11
12	813	572	1 070	783	242	516	1 320	1 510	771	673	686	729	12
13	544	686	896	1 170	359	61.7	1 530	1 500	684	815	889	849	13
14	291	1 120	914	0	424	301	1 550	1 320	632	828	616	854	14
15	355	1 130	798	0	462	546	1 490	1 260	428	729	557	818	15
16	615	1 130	755	0	522	531	1 300	1 370	460	712	491	754	16
17	763	960	0	601	632	314	1 380	1 340	871	804	462	898	17
18	759	651	0	555	551	377	1 430	1 260	732	545	485	938	18
19	984	955	527	379	270	1 330	1 440	1 010	675	591	671	1 140	19
20	704	982	488	601	355	1 010	1 540	1 340	619	643	626	1 130	20
21	362	909	615	0	411	1 350	1 530	1 270	593	504	600	1 130	21
22	852	643	628	5.10	607	1 410	1 530	1 460	514	598	210	1 170	22
23	789	777	611	624	439	1 210	1 560	1 360	385	519	215	1 210	23
24	887	394	0	548	725	919	1 480	1 250	815	676	400	760	24
25	887	311	0	727	844	973	1 400	921	889	502	91.2	562	25
26	901	745	573	1 010	877	837	1 460	833	799	619	282	716	26
27	573	495	604	900	725	802	1 520	1 310	804	346	242	837	27
28	392	636	589	0	829	792	1 540	1 140	796	180	698	1 260	28
29	978		516	0	923	653	1 470	1 210	690	473	415	1 220	29
30	1 040		451	672	962	838	1 530	1 160	531	608	502	936	30
31	1 050		0		778		1 560	1 300		507		661	31
TOTAL	21 921	18 603.4	20 419	12 825.10	19 201	21 390.7	40 071	40 824	25 031	19 537	15 109.2	24 876	TOTAL
MEAN	707	664	659	428	619	713	1 290	1 320	834	630	504	802	MEAN
MAX	1 050	1 130	1 160	1 170	923	1 410	1 560	1 530	1 230	864	889	1 260	MAX
MIN	270	65.4	0	0	242	61.7	739	833	385	180	91.2	454	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 767
MAXIMUM DAILY, 1 560 ON JUL 23
MINIMUM DAILY, 0 ON MAR 17

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 52 04 38 N
LONG 118 33 55 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 890 000	JUL	3 460 000
FEB	1 610 000	AUG	3 530 000
MAR	1 760 000	SEP	2 160 000
APR	1 110 000	OCT	1 690 000
MAY	1 660 000	NOV	1 310 000
JUN	1 850 000	DEC	2 150 000

TOTAL DISCHARGE, 24 200 000 dam³

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

REGULATED SINCE 1973

RICHMOND LANDFILL OUTFALL SITE 2 - STATION NO. 08MH151

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.033	0.071	0.040	0.010	0.012	0.040	0.061	0.014	0.011	0.008	0.009	0.076	1
2	0.030	0.070	0.050	0.010	0.013	0.037	0.063	0.021	0.009	0.007	0.010	0.037	2
3	0.040	0.061	0.057	0.015	0.010	0.043	0.058	0.041	0.006	0.009	0.013	0.036	3
4	0.043	0.028	0.060	0.037	0.009	0.039	0.058	0.026	0.005	0.013	0.017	0.049	4
5	0.059	0.024	0.062	0.046	0.007	0.037	0.058	0.017	0.006	0.011	0.030	0.042	5
6	0.058	0.025	0.067	0.034	0.006	0.041	0.056	0.017	0.008	0.011	0.033	0.052	6
7	0.059	0.043	0.071	0.031	0.005	0.039	0.055	0.013	0.014	0.010	0.043	0.053	7
8	0.048	0.052	0.032	0.029	0.017	0.043	0.056	0.010	0.017	0.009	0.031	0.065	8
9	0.051	0.073	0.024	0.032	0.032	0.057	0.051	0.008	0.010	0.011	0.036	0.066	9
10	0.043	0.073	0.021	0.024	0.034	0.074	0.047	0.008	0.009	0.013	0.044	0.057	10
11	0.044	0.060	0.017	0.013	0.040	0.086	0.046	0.006	0.035	0.010	0.033	0.057	11
12	0.047	0.048	0.013	0.011	0.040	0.094	0.036	0.008	0.057	0.011	0.025	0.068	12
13	0.055	0.044	0.012	0.010	0.044	0.094	0.017	0.006	0.052	0.008	0.040	0.074	13
14	0.051	0.053	0.014	0.011	0.040	0.067	0.020	0.006	0.028	0.009	0.034	0.074	14
15	0.048	0.055	0.010	0.009	0.038	0.061	0.024	0.033	0.019	0.008	0.028	0.076	15
16	0.043	0.058	0.010	0.009	0.038	0.061	0.026	0.061	0.026	0.006	0.032	0.072	16
17	0.054	0.055	0.017	0.010	0.037	0.061	0.023	0.063	0.023	0.005	0.031	0.075	17
18	0.053	0.057	0.021	0.008	0.038	0.060	0.020	0.057	0.035	0.004	0.026	0.061	18
19	0.053	0.057	0.020	0.023	0.037	0.078	0.021	0.032	0.038	0.004	0.030	0.058	19
20	0.052	0.071	0.027	0.029	0.039	0.067	0.019	0.021	0.039	0.004	0.038	---	20
21	0.057	0.057	0.044	0.045	0.037	0.063	0.019	0.040	0.028	0.009	0.062	---	21
22	0.047	0.038	0.048	0.058	0.037	0.064	0.019	0.034	0.014	0.008	0.064	---	22
23	0.031	0.030	0.049	0.057	0.036	0.066	0.017	0.031	0.012	0.009	0.073	---	23
24	0.046	0.022	0.049	0.042	0.036	0.069	0.014	0.033	0.011	0.008	0.068	---	24
25	0.056	0.016	0.030	0.029	0.036	0.090	0.013	0.027	0.022	0.009	0.046	---	25
26	0.055	0.011	0.017	0.024	0.036	0.099	0.014	0.016	0.030	0.011	0.034	---	26
27	0.061	0.009	0.011	0.024	0.037	0.074	0.013	0.012	0.042	0.010	0.062	---	27
28	0.063	0.015	0.010	0.028	0.035	0.047	0.011	0.010	0.019	0.010	0.072	---	28
29	0.054		0.010	0.018	0.035	0.052	0.012	0.010	0.013	0.011	0.081	---	29
30	0.055		0.013	0.016	0.027	0.059	0.011	0.011	0.010	0.012	0.075	---	30
31	0.062		0.011		0.047		0.014	0.017		0.010		---	31
TOTAL	1.551	1.276	0.937	0.742	0.935	1.862	0.972	0.709	0.648	0.278	1.220	---	TOTAL
MEAN	0.050	0.046	0.030	0.025	0.030	0.062	0.031	0.023	0.022	0.009	0.041	---	MEAN
MAX	0.063	0.073	0.071	0.058	0.047	0.099	0.063	0.063	0.057	0.013	0.081	---	MAX
MIN	0.030	0.009	0.010	0.008	0.005	0.037	0.011	0.006	0.005	0.004	0.009	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.099 ON JUN 26

MAXIMUM INSTANTANEOUS,
0.101 AT 10:32 PST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 53 N
LONG 123 02 45 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	134	JUL	84.0
FEB	110	AUG	61.2
MAR	81.0	SEP	56.0
APR	64.1	OCT	24.0
MAY	80.8	NOV	105
JUN	161	DEC	---

ROBERTS CREEK AT ROBERTS CREEK - STATION NO. 08GA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.438	0.869	0.687	1.58	0.833	0.751	0.243	0.068	0.125	0.076	0.405	1.76	1
2	0.350	1.14	0.704	1.64	0.903	0.544	0.185	0.069	0.088	0.082	0.292	1.18	2
3	0.360	4.68	0.741	1.50	0.856	2.59	0.167	0.068	0.073	0.178	0.384	2.42	3
4	0.531	3.70 E	1.15	1.39	0.913	2.34	0.152	0.068	0.069	0.463	0.677	15.3 A	4
5	1.50	3.40 E	1.26	1.45	1.00	1.41	0.139	0.068	0.070	0.285	0.630	3.39	5
6	2.20	2.96 E	1.42	1.52	0.774	1.13	0.171	0.068	0.069	0.148	0.363	2.11	6
7	4.94	2.81 E	1.96	1.59	0.499	1.21	0.169	0.064	0.071	0.111	0.423	1.61	7
8	2.33	2.82 E	1.67	1.46	0.422	1.07	0.153	0.062	0.074	0.097	0.497	2.07	8
9	2.15	3.10 E	1.78	1.09	0.429	1.02	0.133	0.062	0.075	0.137	2.75	3.30	9
10	1.78	4.00 E	3.16	1.09	0.460	2.38	0.119	0.062	0.073	0.390	11.3	2.46	10
11	1.21	4.20 E	1.72	1.43	0.464	2.53	0.112	0.075	0.068	0.198	13.7	1.59	11
12	1.00	2.80 E	1.25	1.39	0.455	1.69	0.105	0.071	0.068	0.372	5.23	1.11	12
13	1.27	2.50 E	1.07	1.25	0.871	1.14	0.100	0.065	0.069	0.203	3.27	0.839	13
14	1.54	1.75 B	1.14	1.31	0.774	0.839	0.096	0.061	0.069	0.150	2.11	0.793	14
15	1.22	1.42 B	1.06	1.37	0.510	0.628	0.096	0.064	0.102	0.166	1.88	1.14	15
16	1.25	1.13 B	0.997	1.64	0.417	0.506	0.091	0.067	0.468	0.139	3.10	0.861	16
17	1.04	0.895B	1.21	2.11	0.367	0.443	0.087	0.068	0.186	0.166	5.24	1.27	17
18	0.835	0.715B	1.66	1.52	0.348	0.371	0.084	0.069	0.114	0.368	1.97	1.53	18
19	0.686	0.578B	1.61	1.79	0.325	0.319	0.082	0.073	0.093	0.264	1.56	0.885	19
20	0.588	0.525B	1.83	2.04	1.11	0.288	0.080	0.071	0.085	0.165	1.15	0.670B	20
21	0.712	0.490B	1.76	1.48	1.07	0.256	0.078	0.065	0.081	0.708	0.865	0.563B	21
22	1.39	0.470B	1.33	1.53	1.99	0.231	0.078	0.067	0.077	0.465	1.50	0.518B	22
23	1.38	0.460B	1.12	1.80	1.03	0.204	0.077	0.062	0.075	0.235	14.8 A	0.465B	23
24	1.15	0.708	0.945	1.75	0.681	0.194	0.077	0.064	0.076	0.317	6.39	0.440B	24
25	1.41	0.839	0.827	1.62	0.512	0.179	0.077	0.072	0.076	1.76	2.72	0.413B	25
26	1.21	0.762	0.748	1.61	0.425	0.160	0.077	0.070	0.074	0.880	1.71	0.389B	26
27	1.13	0.684	0.816	1.27	0.435	0.153	0.083	0.064	0.073	0.444	1.17	0.360B	27
28	1.42	0.681	0.994	1.16	0.582	0.206	0.078	0.058	0.073	1.01	0.963	0.325B	28
29	1.42		1.20	0.942	0.417	0.222	0.078	0.063	0.074	1.19	7.29	0.303B	29
30	1.16		1.35	0.793	0.333	0.274	0.072	0.092	0.075	1.80	2.70	0.290B	30
31	0.952		1.53		0.366		0.067	0.157		0.694		0.281B	31
TOTAL	40.552	51.086	40.699	44.435	20.571	25.278	3.406	2.177	2.863	13.661	97.039	50.635	TOTAL
MEAN	1.31	1.82	1.31	1.48	0.664	0.843	0.110	0.070	0.095	0.441	3.23	1.63	MEAN
MAX	4.94	4.68	3.16	2.43	1.99	2.59	0.243	0.157	0.468	1.80	14.8	15.3	MAX
MIN	0.350	0.460	0.687	0.793	0.325	0.153	0.067	0.058	0.068	0.076	0.292	0.281	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 15.3A ON DEC 04
MINIMUM DAILY, 0.058 ON AUG 28
MAXIMUM INSTANTANEOUS,
34.0E AT 17:09 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 15 N
LONG 123 38 20 W
DRAINAGE AREA, 32.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 500	JUL	294
FEB	4 410	AUG	188
MAR	3 520	SEP	247
APR	3 840	OCT	1 180
MAY	1 780	NOV	8 380
JUN	2 180	DEC	4 370

TOTAL DISCHARGE, 33 900 dam³

ROSS RESERVOIR NEAR NEWHALEM - STATION NO. 08PA009

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	330.626	324.905	316.431	308.967	315.645	323.862	335.234	335.972	335.877	333.195	333.875	333.284	1
2	330.486	324.566	316.099	309.107	315.700	324.261	335.435	335.862	335.853	333.137	333.719	332.924	2
3	330.357	324.380	315.843	309.241	315.873	324.636	335.545	335.816	335.783	333.128	333.579	332.656	3
4	330.330	323.993	315.474	309.381	316.023	325.094	335.655	335.847	335.685	333.622	333.460	332.531	4
5	330.226	323.716	315.121	309.497	316.483	325.478	335.695	335.938	335.585	333.927	333.335	332.476	5
6	330.132	323.445	314.755	309.616	317.096	325.819	335.798	335.975	335.527	333.997	333.180	332.451	6
7	330.159	323.039	314.493	309.780	317.556	326.252	335.856	335.954	335.429	334.067	333.003	332.375	7
8	330.101	322.731	314.130	309.979	317.836	326.627	335.874	335.887	335.381	334.091	332.799	332.464	8
9	330.144	322.466	313.834	310.189	318.080	326.877	335.880	335.823	335.381	334.061	332.491	332.616	9
10	330.034	322.283	313.520	310.283	318.290	327.444	335.887	335.829	335.250	334.103	335.213	332.735	10
11	329.845	322.140	313.234	310.433	318.543	327.876	335.871	335.899	335.128	334.046	335.859	332.860	11
12	329.641	321.927	312.911	310.606	318.754	328.227	335.884	335.999	335.030	333.994	335.676	332.881	12
13	329.605	321.625	312.460	310.753	318.992	328.541	335.890	335.990	334.899	334.039	335.944	332.896	13
14	329.535	321.338	312.109	310.847	319.162	328.858	335.862	335.999	334.780	334.046	335.676	332.884	14
15	329.385	320.970	311.951	311.012	319.363	329.214	335.887	335.938	334.667	333.951	335.246	332.875	15
16	329.169	320.640	311.646	311.362	319.528	329.693	335.874	335.884	334.649	333.911	334.881	332.823	16
17	328.937	320.302	311.512	311.856	319.738	330.135	335.832	335.853	334.564	333.793	334.548	332.805	17
18	328.663	320.067	311.405	312.353	319.930	330.613	335.829	335.877	334.448	333.738	334.143	332.784	18
19	328.388	319.659	311.100	312.737	320.101	331.028	335.850	335.911	334.338	333.680	333.747	332.637	19
20	328.126	319.339	311.000	313.161	320.311	331.443	335.902	335.887	334.235	333.616	333.485	332.497	20
21	327.864	319.031	310.802	313.600	320.442	331.796	335.960	335.893	334.134	333.594	333.043	332.287	21
22	327.608	318.696	310.606	313.944	320.643	332.336	335.987	335.948	334.027	333.573	332.906	332.168	22
23	327.358	318.336	310.472	314.176	320.839	332.893	335.993	335.963	333.963	333.479	333.485	332.128	23
24	327.066	317.995	310.326	314.669	321.031	333.369	335.966	335.957	333.860	333.384	334.838	332.086	24
25	326.785	317.717	310.222	315.014	321.204	333.796	335.944	335.963	333.756	333.405	335.359	331.924	25
26	326.474	317.303	310.100	315.224	321.427	334.085	335.944	335.914	333.658	333.695	335.292	331.793	26
27	326.249	317.001	309.863	315.313	321.671	334.314	335.951	335.847	333.573	333.866	334.908	331.711	27
28	326.035	316.745	309.619	315.450	322.064	334.405	335.960	335.813	333.497	334.024	334.280	331.565	28
29	325.718		309.384	315.581	322.561	334.585	336.005	335.786	333.372	334.073	334.039	331.446	29
30	325.408		309.168	315.654	323.021	334.911	336.012	335.838	333.287	334.143	333.692	331.348	30
31	325.219		308.948		323.402		336.048	335.908		334.046		331.382	31
MEAN	328.570	320.941	312.211	311.993	319.397	329.619	335.849	335.902	334.654	333.788	334.223	332.397	MEAN
MAX	330.626	324.905	316.431	315.654	323.402	334.911	336.048	335.999	335.877	334.143	335.944	333.284	MAX
MIN	325.219	316.745	308.948	308.967	315.645	323.862	335.234	335.786	333.287	333.128	332.799	331.348	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 327.514
MAXIMUM DAILY, 336.048 ON JUL 31
MINIMUM DAILY, 308.948 ON MAR 31

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 43 58 N
LONG 121 04 02 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1940

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 152.400 m ADJUSTMENT TO CONVERT TO CITY OF SEATTLE ROSS DAM DATUM

SALLOOMT RIVER NEAR HAGENSBORG - STATION NO. 08FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.83	3.30B	2.67	6.50	8.13	19.6	14.1	9.62	4.39	---	---	6.02	1
2	8.77	3.10B	2.69	6.85	10.5	19.4	12.6	8.39	4.03	---	---	5.77	2
3	8.13	3.00B	2.83	6.80	14.7	18.4	11.9	8.77	3.61	---	---	7.79	3
4	7.71	3.04B	2.91	6.61	18.0	16.9	12.0	8.72	3.46	---	---	16.3	4
5	10.8	3.06B	3.04	6.69	20.0	15.2	13.0	8.41	3.68	---	---	10.5	5
6	12.5	3.09B	3.29	6.95	16.2	14.5	14.6	8.76	3.95	---	---	10.4	6
7	14.6	3.11B	3.31	7.35	12.3	18.8	13.5	7.78	4.20	---	---	12.2	7
8	12.2	3.20	3.28	7.35	11.0	16.8	13.4	7.32	4.40	---	---	20.4	8
9	10.1	3.24	3.16	6.45	11.1	15.7	12.7	7.69	4.30	---	---	13.9	9
10	8.65	3.31	3.14	5.86	11.7	17.9	12.6	8.92	4.07	---	---	10.7	10
11	7.54	3.15B	2.95	5.76	13.9	19.5	14.2	9.90	4.00A	---	---	8.80	11
12	6.91	2.95B	2.86	6.47	15.4	16.3	15.2	10.1	3.90E	---	---	7.59	12
13	6.33	2.70B	2.75	7.45	16.7	16.7	13.5	9.46	3.70E	---	---	6.97	13
14	5.80	2.50B	2.61	8.81	14.5	18.4	11.4	8.60	3.80E	---	---	6.39	14
15	5.48	2.30B	2.74	10.3	14.1	19.2	11.4	7.66	4.00E	---	---	5.66	15
16	5.14	2.15B	3.25	12.1	13.8	17.2	11.3	7.09	4.35E	---	---	5.32	16
17	4.83	2.16B	5.14	13.5	13.8	15.5	9.66	6.97	3.95E	---	---	6.15	17
18	4.53	2.22B	6.18	12.1	13.6	15.9	8.83	7.18	3.65E	---	---	4.00B	18
19	4.33	2.25B	6.60	11.0	13.8	18.9	9.35	6.92	3.50E	---	---	3.20B	19
20	4.30	2.30B	6.72	11.7	13.3	18.9	10.2	6.82	3.35E	---	---	3.20B	20
21	6.81	2.34	7.02	11.7	13.9	18.7	10.6	6.94	3.60E	---	---	3.22B	21
22	6.80	2.41	6.17	12.6	14.8	21.2	11.4	6.81	4.00E	---	---	3.25B	22
23	5.89	2.48	5.77	11.6	14.6	18.6	11.4	6.01	4.40E	---	7.76A	3.25B	23
24	5.48	2.65	4.71	10.2	14.5	15.2	11.1	5.34	4.70E	---	7.03A	3.27B	24
25	6.24	2.90	4.33	8.84	15.1	15.3	11.0	4.64	4.48A	---	6.79	3.29B	25
26	5.80	2.84	4.08	8.10	15.8	15.2	10.7	4.06	---	---	6.15	3.32B	26
27	5.70	2.74	4.07	7.69	17.0	13.6	9.44	3.99	---	---	5.54	3.27B	27
28	5.30	2.69	4.25	6.76	19.1	13.7	9.00	4.02	---	---	5.24	3.20B	28
29	4.77		4.78	6.25	20.7	14.5	9.67	4.19	---	---	5.01	3.10B	29
30	4.05		5.96	6.33	19.5	15.7	10.5	4.60	---	---	5.06	3.05B	30
31	3.45B		7.00		19.3		11.1	4.53		---	5.19	3.02B	31
												3.00B	
TOTAL	218.77	77.18	129.76	256.67	460.73	511.4	361.35	220.21	---	---	---	206.15	TOTAL
MEAN	7.06	2.76	4.19	8.56	14.9	17.0	11.7	7.10	---	---	---	6.65	MEAN
MAX	14.6	3.31	7.02	13.5	20.7	21.2	15.2	10.1	---	---	---	20.4	MAX
MIN	3.45	2.15	2.61	5.76	8.13	13.6	8.83	3.99	---	---	---	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 2.15B ON FEB 16

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 27 N
LONG 126 31 10 W
DRAINAGE AREA, 161 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 900	JUL	31 200
FEB	6 670	AUG	19 000
MAR	11 200	SEP	---
APR	22 200	OCT	---
MAY	39 800	NOV	---
JUN	44 200	DEC	17 800

SALMO RIVER NEAR SALMO - STATION NO. 08NE074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.4	8.69	7.37	45.4	67.2	183	76.9	14.6	9.72	4.52	10.3	23.0 E	1
2	10.1	8.63	7.76	61.4	66.8	147	69.2	13.5	8.78	4.57	8.66	21.0 E	2
3	9.58	8.65	8.47	74.9	68.2	133	64.5	12.7	8.17	4.73	8.15	19.0 E	3
4	9.87	9.07	8.62	74.5	79.8	156	55.8	12.0	7.75	6.69	7.86	18.0 E	4
5	9.76A	8.77	8.79	74.0	105	139	53.9	11.5	7.37	8.25	7.59	17.0 E	5
6	9.89	8.56	8.99	74.5	143	121	54.0	10.9	7.20	6.91	7.12	16.3 E	6
7	11.2	8.35	9.41	80.5	115	149	49.7	10.3	6.91	5.96	7.24	15.6 E	7
8	11.7	8.26	11.0	86.6	93.9	139	44.0	9.95	6.60	5.71	7.18	15.5 E	8
9	11.8	8.06	11.0	85.0	83.0	125	42.9	9.68	6.40	5.52	11.1	16.0 E	9
10	12.4 B	8.33	11.9	78.1	76.5	203	41.4	9.19	6.20	5.83	48.0	16.8 E	10
11	11.4 B	8.62	11.4	69.8	75.3	228	39.2	9.04	5.97	5.76	51.7	16.0 E	11
12	11.1 B	8.53	11.0	70.1	75.5	184	37.1	8.74	5.95	5.77	36.0	15.4 E	12
13	11.2 B	8.06	10.8	67.2	77.6	156	35.5	8.52	5.80	5.87	32.3	14.8 E	13
14	11.3 B	7.45	10.8	66.9	77.1	140	31.5	8.17	5.65	5.54	31.3	14.3 E	14
15	10.7 B	7.73	10.6	71.3	74.9	129	28.2	7.90	5.56	5.42	27.3	13.9 E	15
16	10.4 B	8.26	10.8	77.7	73.0	131	25.5	7.97	5.53	5.69	24.1	13.4 E	16
17	10.5	8.10	11.4	84.7	72.1	139	23.4	7.71	5.59	5.59	22.3	13.1 E	17
18	10.4	7.65	12.4	86.9	73.4	133	21.8	7.56	5.95	5.98	21.0	12.5 E	18
19	10.4	7.97	14.1	93.5	74.4	129	20.4	7.69	5.70	6.07	19.6	9.20B	19
20	10.2	7.78	17.8	105	75.2	129	18.9	7.77	5.46	6.11	18.8	10.0 B	20
21	10.1 B	7.83	21.3	114	76.7	125	18.0	8.58	5.24	6.05	17.0	11.7 B	21
22	10.2 B	7.94	22.4	127	76.9	124	17.2	9.69	5.19	6.19	17.9	11.2 B	22
23	10.4 B	7.66	21.6	129	99.5	127	16.9	11.4	5.09	6.11	20.7	10.8 B	23
24	10.3 B	7.55	21.7	129	120	128	16.3	9.39	4.95	6.05	35.6	10.5 B	24
25	10.2	7.49	20.5	113	134	118	18.7	8.78	4.88	6.07	41.2	10.2 B	25
26	9.95	7.31	20.5	97.6A	123	105	24.2	10.4	4.75	7.98	59.1	9.80B	26
27	9.31	7.18	21.3	88.0A	116	91.1	23.5	8.95	4.67	7.65	53.4	9.60B	27
28	9.48	7.18	21.9	81.5	129	83.4	19.6	8.14	4.56	7.45	35.0 E	9.40B	28
29	9.59		22.5	76.6	129	80.5	17.6	7.74	4.58	8.15	30.0 E	9.25B	29
30	9.40		27.8	70.0	226	83.7	16.1	8.92	4.52	8.87	27.0 E	9.10B	30
31	9.03		34.6		179		15.3	12.1		11.8		9.00B	31
TOTAL	322.26	225.66	473.71	2 555.7	3 088.0	4 058.7	1 037.1	299.48	181.14	199.25	744.50	421.35	TOTAL
MEAN	10.4	8.06	15.3	85.2	99.6	135	33.5	9.66	6.04	6.43	24.8	13.6	MEAN
MAX	12.4	9.07	34.6	129	220	228	76.9	14.6	9.72	11.8	59.1	23.0	MAX
MIN	9.03	7.18	7.37	45.4	66.8	80.5	15.3	7.56	4.52	4.52	7.12	9.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.3
MAXIMUM DAILY, 228 ON JUN 11
MINIMUM DAILY, 4.52 ON SEP 30
MAXIMUM INSTANTANEOUS,
292 AT 21:50 PST ON JUN 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 117 16 37 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 800	JUL	89 600
FEB	19 500	AUG	25 900
MAR	40 900	SEP	15 700
APR	221 000	OCT	17 200
MAY	267 000	NOV	64 300
JUN	351 000	DEC	36 400

TOTAL DISCHARGE, 1 180 000 dam³

SALMON RIVER ABOVE CAMPBELL LAKE DIVERSION - STATION NO. 08HD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2	5.15	7.01	25.0	11.1 A	9.48A	6.76	1.14	3.09	1.19A	13.2 A	18.5 A	1
2	9.83	6.90	6.97	25.1	17.0 A	33.6 A	5.75	1.01	2.07	2.52A	7.37A	12.7 A	2
3	8.17	24.2	7.12	20.2	16.8 A	32.9 A	5.74	1.09	1.52	5.13A	12.5 A	121 A	3
4	7.58	13.3	7.53	16.7	18.9 A	22.0 A	4.81	1.01	1.22	30.2 A	14.6 A	76.0 A	4
5	30.4	10.6	8.53	15.7	22.1 A	16.3 A	4.46	1.02	1.03	10.2 A	12.6 A	38.2	5
6	46.3	8.38	9.06	16.0	15.7 A	13.8 A	6.88	0.910	0.975	5.41A	9.93A	24.9	6
7	55.5	6.84	8.68	19.0	10.9 A	15.8 A	6.58	0.881	0.933	3.72A	12.8 A	17.7	7
8	33.8	6.12	7.62	19.3	9.31A	15.0 A	5.38	0.906	0.870	2.77A	12.8 A	37.7	8
9	21.0	5.57	6.88	15.6	9.06A	16.0 A	4.65	0.830	0.747	5.18A	20.2 A	25.6	9
10	15.4	5.10B	7.26	14.8	9.79A	27.1 A	4.21	0.821	0.809	7.99A	55.8 A	16.5	10
11	11.8	4.80B	6.41	17.5	10.5 A	27.2 A	3.97	0.824	0.735	5.84A	---	13.1	11
12	10.1	4.45B	5.82	19.0	10.5 A	16.4 A	3.54	0.776	0.619	12.1 A	147 A	11.0	12
13	10.4	4.25B	5.63	16.8	14.2 A	12.8 A	3.23	0.664	0.615	9.76A	74.6 A	9.86	13
14	12.6	4.00B	5.91	16.6	12.2 A	11.6 A	2.84	0.659	0.669	6.58A	37.6 A	10.0	14
15	11.6	3.85B	7.15	19.2	10.9 A	11.2 A	2.48	0.726	0.637	5.64A	24.8 A	9.57	15
16	10.4	3.65B	9.39	26.9	11.6 A	10.2 A	2.27	0.848	0.552	4.97A	59.7 A	8.64	16
17	9.04	3.50B	11.5	43.6	13.2 A	8.69A	2.18	1.17	0.516	5.52A	46.8 A	8.40B	17
18	7.85	3.38B	16.6	26.3	11.2 A	8.08A	2.01	1.11	0.460	18.2 A	24.9 A	8.10B	18
19	6.90	3.28B	15.9	23.6 A	10.5 A	8.16A	1.79	0.930	0.475A	12.9 A	16.2 A	7.50B	19
20	6.26	3.20B	19.3	23.8 A	9.98A	7.68A	1.86	0.803	0.420A	9.67A	11.4 A	7.00B	20
21	5.90	3.12B	20.4	17.9 A	9.56A	7.20	1.78	0.722	0.420A	28.1 A	9.45A	7.02B	21
22	6.07	3.15B	17.5	18.3 A	12.8 A	7.49	1.67	0.715	0.420A	15.9 A	11.6 A	6.80B	22
23	6.14	3.90A	13.9	16.9 A	11.4 A	6.75	1.60	0.698	0.420A	11.7 A	---	6.10B	23
24	5.81	4.67	11.8	15.8 A	9.59A	5.51	1.56	0.596	0.420A	144 A	74.8 A	5.50B	24
25	13.7	6.98	10.5	14.8 A	8.55A	4.99	1.49	0.623	0.409A	117 A	33.7 A	5.10B	25
26	11.4	7.60	9.81	14.4 A	8.30A	4.49	1.35	0.561	0.387A	51.4 A	23.2 A	4.70B	26
27	8.85	7.16	10.6	12.6 A	8.78A	4.22	1.29	0.495	0.387A	46.5 A	16.5 A	4.30B	27
28	7.59	7.00	13.3	11.3 A	11.4 A	4.33	1.23	0.501	0.387A	52.8 A	13.1 A	4.00B	28
29	6.69		17.7	10.1 A	11.1 A	5.85	1.16	0.618	0.387A	41.4 A	73.7 A	3.85B	29
30	6.13		22.3	9.37A	9.84A	8.32	1.06	1.13	0.343A	37.8 A	22.4 A	3.80B	30
31	4.80		24.6		9.70A		1.09	2.60		19.8 A		3.70B	31
TOTAL	421.21	174.10	352.68	562.17	366.46	383.14	96.66	27.387	22.942	731.89	---	536.84	TOTAL
MEAN	13.6	6.22	11.4	18.7	11.8	12.8	3.12	0.884	0.765	23.6	---	17.3	MEAN
MAX	55.5	24.2	24.6	43.6	22.1	33.6	6.88	2.60	3.09	144	---	121	MAX
MIN	4.80	3.12	5.63	9.37	8.30	4.22	1.06	0.495	0.343	1.19	---	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.343A ON SEP 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 125 40 20 W
DRAINAGE AREA, 269 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 400	JUL	8 350
FEB	15 000	AUG	2 370
MAR	30 500	SEP	1 980
APR	48 600	OCT	63 200
MAY	31 700	NOV	---
JUN	33 100	DEC	46 400

SALMON RIVER ABOVE MEMEKAY RIVER - STATION NO. 08HD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 E	10.7	7.21	10.2	5.30E	4.35E	3.97	1.32	3.08	0.990	11.1	35.5	1
2	11.2 E	13.0	7.32	9.95	7.40E	4.60E	3.55	1.32	2.61	2.60	9.00	27.2	2
3	11.4 E	39.9	7.38	9.04	7.30E	13.7 E	3.42	1.26	2.05	3.36	14.9	166	3
4	11.5 A	28.4	7.83	7.94	7.20E	12.8 E	3.22	1.22	1.62	8.41	16.6 A	223 A	4
5	32.1	24.3	8.77	7.44	8.40E	11.1 E	3.03	1.20	1.38	3.56	14.0 E	110 E	5
6	40.2	19.7	9.05	7.14	5.80E	10.0 E	3.23	1.13	1.25	2.84	8.23E	60.0 E	6
7	58.3	16.1	8.68	7.30	5.00E	8.30E	3.31	1.11	1.19	2.59	17.6 A	35.0 E	7
8	31.9	14.1	9.01	6.95	3.80A	9.30E	3.20	1.12	1.17	5.38	13.4	43.0 E	8
9	20.3	10.1 B	7.45	8.16	4.55	10.7 E	2.98	1.08	1.07	4.75	14.9	48.0 E	9
10	16.7	8.70B	10.7	6.39	3.56	13.0 E	2.86	1.05	1.07	3.30	52.2	40.0 E	10
11	14.1	7.90B	9.06	6.62	3.80	13.6 E	2.72	1.01	1.05	3.56	320	32.0 E	11
12	12.2	7.40B	7.73	6.93	3.52	11.6 E	2.74	1.01	1.00	5.80	211	27.0 E	12
13	13.3	6.95B	7.33	6.83	4.38	8.00E	3.07	0.997	0.983	4.42	100	17.5 E	13
14	16.3	6.55B	8.31	7.03	4.33A	6.30E	2.99	0.965	0.949	3.69	54.4 A	15.1 E	14
15	15.1	6.10B	10.7	6.51	4.04E	5.20E	2.83	0.956	0.902	3.95	50.0 E	13.9 E	15
16	16.1	5.80B	15.5	6.43	3.88E	4.80E	2.62	1.12	0.943	3.65	97.0 E	12.8 E	16
17	13.6	5.50B	14.0	14.5	3.65E	4.50E	2.50	1.49	0.955	4.13	66.0 E	12.3 E	17
18	11.6	5.25B	15.6	8.44	3.50E	4.25E	2.39	1.45	0.956	7.23	42.0 E	11.9 E	18
19	10.2	5.14B	14.5	7.57A	3.42E	4.10E	2.17	1.25	0.995	5.58	30.0 E	11.6 B	19
20	9.00	5.08B	16.0	7.30E	3.60E	4.00A	2.04	1.14	1.42	4.97	22.0 E	10.6 B	20
21	9.04	5.07B	15.7	7.00E	4.00E	3.71	1.95	1.08	1.36	16.6	16.0 E	10.0 B	21
22	11.7	5.71	13.7	6.70E	5.10E	3.44	1.76	1.00	1.24	9.75	51.0 E	9.50B	22
23	14.1	5.75	12.0	6.30E	4.80E	3.18	1.75	0.990	1.02	7.72	320 E	9.25B	23
24	12.7	6.35	10.5	6.00E	4.00E	2.91	1.72	0.948	0.928	153	200 E	8.90B	24
25	24.5	7.07	8.99	5.65E	3.40E	2.84	1.66	0.871	0.868	187	140 E	8.50B	25
26	20.0	7.38	8.05	5.40E	3.25E	2.97	1.60	0.920	0.871	62.1	85.0 E	7.90B	26
27	15.0	7.16	8.08	5.10E	3.50E	2.82	1.56	0.906	0.855	51.5	50.0 E	7.20B	27
28	14.6	7.11	8.84	4.80E	3.95E	2.95	1.50	0.884	0.868	65.3	27.5 A	6.60B	28
29	14.6		10.1	4.55E	4.80E	3.42	1.39	0.975	0.878	47.2	116	6.25B	29
30	12.7		10.4	4.40E	4.50E	4.75	1.33	1.51	0.824	40.0	52.5	6.20B	30
31	10.9		10.4		4.39E		1.36	2.61		15.7		6.25B	31
TOTAL	536.24	298.27	317.89	214.57	142.12	197.19	76.42	35.892	36.358	735.630	2 222.33	1 034.95	TOTAL
MEAN	17.3	10.7	10.3	7.15	4.58	6.57	2.47	1.16	1.21	23.7	74.1	33.4	MEAN
MAX	58.3	39.9	16.0	14.5	8.40	13.7	3.97	2.61	3.08	187	320	223	MAX
MIN	9.00	5.07	7.21	4.40	3.25	2.82	1.33	0.871	0.824	0.990	8.23	6.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.0
MAXIMUM DAILY, 320 ON NOV 11
MINIMUM DAILY, 0.824 ON SEP 30
MAXIMUM INSTANTANEOUS,
489 ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 56 N
LONG 125 44 45 W
DRAINAGE AREA, 448 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 300	JUL	6 600
FEB	25 800	AUG	3 100
MAR	27 500	SEP	3 140
APR	18 500	OCT	63 600
MAY	12 300	NOV	192 000
JUN	17 000	DEC	89 400

TOTAL DISCHARGE, 505 000 dam³

SALMON RIVER ABOVE SALMON LAKE - STATION NO. 08LE075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.208B	0.119B	0.099B	0.290	1.45	5.71	1.79	0.362	0.238	0.126	0.145B	0.084B	1
2	0.206B	0.140B	0.106B	0.421	1.47	6.52	1.72	0.337	0.217	0.128	0.132B	0.086B	2
3	0.204B	0.146B	0.109B	0.526	1.59	5.94	1.74	0.338	0.189	0.138	0.125B	0.091B	3
4	0.202B	0.143B	0.107B	0.590	1.87	6.58	1.56	0.319	0.181	0.157	0.120B	0.092B	4
5	0.200B	0.149B	0.120B	0.571	2.58	5.95	1.43	0.296	0.179	0.184	0.118B	0.091B	5
6	0.195B	0.140B	0.137B	0.564	3.23	5.09	2.22	0.287	0.167	0.192	0.119B	0.092B	6
7	0.188B	0.128B	0.133B	0.612	2.66	5.29	1.94	0.269	0.159	0.183	0.121B	0.093B	7
8	0.182B	0.119B	0.130B	0.650	2.37	4.47	1.70	0.263	0.150	0.183	0.128B	0.092B	8
9	0.177B	0.125B	0.127B	0.635	2.19	4.23	1.44	0.255	0.145	0.183	0.137B	0.091B	9
10	0.170B	0.149B	0.129B	0.621	2.13	5.65	1.32	0.232	0.150	0.191	0.145B	0.090B	10
11	0.153B	0.150B	0.126B	0.576	2.15	6.11	1.22	0.223	0.147	0.195	0.144B	0.089B	11
12	0.154B	0.136B	0.131B	0.554A	2.15	7.14	1.14	0.236	0.146	0.193	0.144B	0.085B	12
13	0.157B	0.129B	0.130B	0.590	2.10	10.3	1.04	0.226	0.146	0.192	0.142B	0.081B	13
14	0.159B	0.121B	0.142B	0.652	2.03	9.52	0.960	0.209	0.147	0.191	0.135B	0.076B	14
15	0.158B	0.125B	0.140B	0.749	1.95	7.96	0.858	0.194	0.145	0.193	0.130B	0.071B	15
16	0.160B	0.118B	0.160B	0.886	1.90	7.37	0.786	0.182	0.144	0.193	0.122B	0.072B	16
17	0.151B	0.107B	0.178B	1.12	2.01	6.58	0.723	0.196	0.151	0.190	0.118B	0.069B	17
18	0.147B	0.104B	0.184B	1.32	2.13	5.62	0.653	0.220	0.154	0.156	0.115B	0.065B	18
19	0.145B	0.102B	0.187B	1.45	2.26	5.15	0.608	0.201	0.149	0.142	0.114B	0.062B	19
20	0.144B	0.100B	0.184B	1.72	2.18	4.97	0.716	0.191	0.139	0.148	0.115B	0.063B	20
21	0.151B	0.105B	0.180B	1.95	2.19	4.36	0.584	0.202	0.138	0.142	0.112B	0.067B	21
22	0.160B	0.107B	0.177B	2.00	2.23	3.90	0.529	0.197	0.137	0.142	0.112B	0.069B	22
23	0.169B	0.108B	0.175B	2.03	2.70	3.54	0.513	0.184	0.136	0.148	0.113B	0.075B	23
24	0.165B	0.103B	0.180B	2.16	3.11	3.18	0.518	0.181	0.133	0.153	0.110B	0.077B	24
25	0.175B	0.100B	0.190B	1.94	3.75	2.80	0.564	0.243	0.131	0.152	0.108B	0.078B	25
26	0.164B	0.105B	0.192B	1.84	4.31	2.59	0.543	0.351	0.127	0.162	0.105B	0.076B	26
27	0.157B	0.109B	0.197B	1.68	4.15	2.32	0.493	0.255	0.129	0.166	0.096B	0.069B	27
28	0.153B	0.106B	0.200B	1.55	4.32	2.21	0.416	0.232	0.127	0.163	0.090B	0.064B	28
29	0.149B		0.203B	1.44	6.12	2.23	0.394	0.205	0.129	0.165	0.085B	0.065B	29
30	0.130B		0.211	1.41	6.50	1.95	0.395	0.264	0.127	0.170	0.082B	0.068B	30
31	0.103B		0.247		5.60		0.416	0.277		0.165		0.069B	31
TOTAL	5.136	3.393	4.911	33.097	87.38	155.23	30.929	7.627	4.557	5.186	3.582	2.412	TOTAL
MEAN	0.166	0.121	0.158	1.10	2.82	5.17	0.998	0.246	0.152	0.167	0.119	0.078	MEAN
MAX	0.208	0.150	0.247	2.16	6.50	10.3	2.22	0.362	0.238	0.195	0.145	0.093	MAX
MIN	0.103	0.100	0.099	0.290	1.45	1.95	0.394	0.181	0.127	0.126	0.082	0.062	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.941
MAXIMUM DAILY, 10.3 ON JUN 13
MINIMUM DAILY, 0.062B ON DEC 19
MAXIMUM INSTANTANEOUS,
10.6 AT 11:55 PST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 20 N
LONG 119 57 20 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	444	JUL	2 670
FEB	293	AUG	659
MAR	424	SEP	394
APR	2 860	OCT	448
MAY	7 550	NOV	309
JUN	13 400	DEC	208

TOTAL DISCHARGE, 29 700 dam³

SALMON RIVER AT 72 AVENUE, LANGLEY - STATION NO. 08MH090

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07	1.66	0.893	0.635	0.708	0.718	0.291	0.230	0.276	0.248	1.00	3.74	1
2	0.837	4.50	0.807	0.602	0.695	0.641	0.320	0.233	0.252	0.232	0.784	3.08	2
3	2.59	7.72	0.736	0.587	0.636	3.59	0.303	0.226	0.236	0.387	0.998	10.2	3
4	6.00	3.65	0.742	0.575	0.568	5.35	0.288	0.227	0.230	2.43	1.90	14.5	4
5	4.82	2.69	0.683	0.548	0.520	2.35	0.296	0.230	0.235	1.35	1.80	4.46	5
6	4.50	2.68	1.23	0.529	0.468	2.09	0.286	0.221	0.228	0.634	1.10	2.71	6
7	8.69	5.41	6.62	0.512	0.438	3.11	0.330	0.225	0.225	0.396	3.17	1.75	7
8	3.42	5.10	5.31	0.485	0.422	1.91	0.301	0.210	0.234	0.334	2.36	8.15	8
9	5.35	9.31	5.08	0.471	0.404	1.77	0.278	0.213	0.235	0.404	20.5	15.0	9
10	3.82	20.1	6.43	0.464	0.385	3.13	0.268	0.208	0.238	0.463	31.8	5.45	10
11	2.06	12.6	2.68	0.426	0.442	2.39	0.262	0.203	0.234	0.413	13.5	2.83	11
12	1.67	4.37	1.92	0.430	0.455	1.58	0.259	0.203	0.234	1.08	4.46	2.01	12
13	2.18	2.26 B	1.65	0.463	0.492	1.23	0.252	0.194	0.234	0.688	8.53	1.80	13
14	1.94	1.28 B	2.56	0.472	0.523	0.965	0.251	0.209	0.224	0.500	3.66	1.78	14
15	1.46	0.947B	2.16	0.445	0.451	0.752	0.248	0.202	0.236	0.464	2.57	2.28	15
16	1.37	0.812B	1.67	0.424	0.411	0.614	0.244	0.193	0.352	0.400	1.78	2.18	16
17	1.12	0.737B	1.51	0.499	0.392	0.573	0.245	0.197	0.355	0.387	3.65	8.69	17
18	0.925	0.725B	1.80	0.447	0.534	0.523	0.239	0.229	0.282	0.613	1.99	4.83	18
19	0.835	0.700B	1.52	0.522	0.509	0.467	0.239	0.217	0.262	0.504	2.34	2.30B	19
20	0.763	2.50 B	1.53	0.878	0.453	0.450	0.238	0.215	0.254	0.430	3.22	1.90B	20
21	1.16	4.83	1.34	0.724	0.437	0.396	0.235	0.225	0.250	1.58	3.35	1.55B	21
22	1.77	3.66	1.17	0.620	0.423	0.367	0.222	0.261	0.238	1.46	4.98	1.38B	22
23	4.45	2.57	1.01	1.27	0.386	0.349	0.222	0.240	0.237	0.860	9.82	1.30B	23
24	6.07	2.43	0.937	1.27	0.371	0.339	0.229	0.221	0.219	0.636	14.3	1.22B	24
25	7.14	2.13	0.871	2.24	0.363	0.332	0.229	0.227	0.215	0.589	6.34	1.16B	25
26	3.41	1.55	0.841	1.68	0.354	0.319	0.246	0.228	0.217	0.952	2.76	1.17B	26
27	3.04	1.22	0.761	1.31	0.352	0.316	0.251	0.211	0.228	0.820	1.82	1.16B	27
28	4.79	1.03	0.729	1.48	0.357	0.311	0.244	0.211	0.220	0.820	1.29	1.30B	28
29	3.72		0.699	1.06	0.349	0.303	0.241	0.242	0.227	1.06	1.18	1.18B	29
30	3.54		0.648	0.800	0.344	0.297	0.232	0.277	0.228	3.26	2.12	1.14B	30
31	2.56		0.651		0.543		0.226	0.566		1.64		1.10B	31
TOTAL	103.070	103.171	56.588	22.888	14.185	37.532	8.015	7.194	7.335	26.034	161.072	113.32	TOTAL
MEAN	3.32	3.68	1.83	0.763	0.458	1.25	0.259	0.232	0.245	0.840	5.37	3.66	MEAN
MAX	8.69	20.1	6.43	2.24	0.708	5.35	0.330	0.566	0.355	3.26	31.8	15.0	MAX
MIN	0.763	0.700	0.648	0.424	0.344	0.297	0.222	0.193	0.215	0.432	0.784	1.10	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 31.8 ON NOV 10
MINIMUM DAILY, 0.193 ON AUG 16
MAXIMUM INSTANTANEOUS,
38.1 AT 09:06 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 02 N
LONG 122 35 40 W
DRAINAGE AREA, 49 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 910	JUL	692
FEB	8 910	AUG	622
MAR	4 890	SEP	634
APR	1 980	OCT	2 250
MAY	1 210	NOV	13 900
JUN	3 240	DEC	9 790

TOTAL DISCHARGE, 57 000 dam³

SALMON RIVER AT FALKLAND - STATION NO. 08LE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20	0.950B	0.991	1.77	5.36	14.4	7.64	1.37	1.23	0.918	1.12 A	1.26 B	1
2	1.15	0.930B	0.984	2.41	5.86	14.6	7.32	1.37	1.24	0.929	0.956	1.34 B	2
3	1.14	0.940B	0.978	3.10	6.09	15.4	7.45	1.34	1.19	0.904	0.933	1.42 B	3
4	1.20	0.960B	0.974	3.40	6.47	20.4	6.57	1.22	1.18	0.918	0.914	1.40 B	4
5	1.15	0.980B	0.988	3.41	7.22	20.6	6.20	1.19	1.22	0.902	0.979	1.38 B	5
6	1.18	0.949	0.998	3.54	7.86	19.8	8.29	1.11	1.20	0.920	1.06	1.41 B	6
7	1.27	0.949	1.10	3.86	7.47	18.9	8.76	1.10	1.18	0.953	1.12	1.46 B	7
8	1.25	0.960	1.10	4.03	6.94	17.1	7.91	1.13	1.15	1.10	1.14	1.45 B	8
9	1.28	0.967	1.04	3.93	6.39	16.0	7.02	1.10	1.15	1.03	1.20	1.42 B	9
10	1.19	1.00	1.04	3.68	6.12	18.7	6.08	1.11	1.13	0.976	1.68	1.39 B	10
11	0.920	1.07	1.02	3.54	6.04	21.1	5.33	1.08	1.09	1.02	2.26	1.38 B	11
12	1.12	1.02	0.985	3.69	6.52	36.4	4.71	1.06	1.02	1.08	2.11	1.40 B	12
13	1.15	1.02 B	0.968	3.86	6.19	37.2	4.18	1.04	1.09	1.10	2.12	1.28 B	13
14	1.12	0.935B	0.975	4.13	5.93	38.4	3.81	1.05	1.03	1.13	1.91	1.17 B	14
15	1.13	0.980B	0.975	4.47	5.55	41.3	3.46	0.980	1.07	1.11	1.68	1.04 B	15
16	1.09	0.880B	1.01	4.90	5.20	39.1	3.13	0.964	1.04	1.11	1.55	1.05 B	16
17	1.04	0.800B	1.08	5.33	5.08	35.5	2.85	0.985	1.07	1.13	1.48	1.00 B	17
18	1.03 B	0.825B	1.30	5.85	5.95	31.0	2.77	1.01	1.04	1.10	1.35	0.930B	18
19	1.00 B	0.869B	1.47	6.36	6.36	27.3	2.31	0.982	1.04	1.07	1.37	0.840B	19
20	1.04 B	0.880B	1.58	7.03	5.93	25.3	2.21	0.975	1.02	1.04	1.37	0.740B	20
21	1.04	0.900B	1.51	7.16	5.89	21.3	1.98	1.02	0.948	1.13	1.29	0.670B	21
22	1.06	0.910B	1.38	7.09	5.81	17.9	1.82	1.06	0.936	1.15	1.39	0.770B	22
23	1.09	0.920B	1.22	7.19	6.86	16.2	1.78	1.01	0.918	1.12	1.48	0.840B	23
24	1.03	0.935B	1.10	8.26	8.17	14.8	1.76	1.07	0.956	1.18	1.60	0.930B	24
25	1.05	0.960B	1.17	7.37	10.8	13.6	1.94	1.23	0.914	1.29	1.44	0.990B	25
26	1.00	1.02	1.17	6.95	11.9	12.2	1.85	1.29	0.896	1.09	1.60 B	0.960B	26
27	0.984	1.01	1.16	6.52	11.9	11.0	1.68	1.17	0.948	1.03	1.52 B	0.800B	27
28	0.985	1.00	1.13	6.23	12.3	9.96	1.56	1.12	0.948	0.972	1.40 B	0.640B	28
29	0.991		1.16	5.79	13.8	9.09	1.52	1.12	0.911	0.989	1.32 B	0.720B	29
30	0.966		1.24	5.39	14.9	8.29	1.49	1.46	0.940	1.02	1.25 B	0.800B	30
31	0.990B		1.49		14.4		1.46	1.33		1.01		0.860B	31
TOTAL	33.836	26.519	35.286	150.24	241.26	642.84	126.94	35.046	31.695	32.421	42.592	33.740	TOTAL
MEAN	1.09	0.947	1.14	5.01	7.78	21.4	4.09	1.13	1.06	1.05	1.42	1.09	MEAN
MAX	1.28	1.07	1.58	8.26	14.9	41.3	8.76	1.46	1.24	1.29	2.26	1.46	MAX
MIN	0.920	0.800	0.968	1.77	5.08	8.29	1.46	0.964	0.896	0.902	0.914	0.640	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.92
MAXIMUM DAILY, 41.3 ON JUN 15
MINIMUM DAILY, 0.640B ON DEC 28
MAXIMUM INSTANTANEOUS,
41.7 AT 17:16 PST ON JUN 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 55 N
LONG 119 33 30 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 920	JUL	11 000
FEB	2 290	AUG	3 030
MAR	3 050	SEP	2 740
APR	13 000	OCT	2 800
MAY	20 800	NOV	3 680
JUN	55 500	DEC	2 920

TOTAL DISCHARGE, 124 000 dam³

SALMON RIVER NEAR PRINCE GEORGE - STATION NO. 08KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8B	10.1 B	8.00B	14.0B	142	71.6	17.9	5.67	3.32	2.95	9.57	7.95B	1
2	19.6B	10.6 B	8.02B	16.2B	130	72.1	17.3	5.19	3.44	3.09	8.46	7.70B	2
3	19.9B	10.8 B	8.18B	18.4B	120	73.0	18.1	4.89	2.96	2.86	8.06	7.55B	3
4	20.1B	10.7 B	8.15B	27.5B	118	77.0	20.7	4.84	3.26	3.33	7.42	7.65B	4
5	20.8B	10.6 B	8.05B	36.7B	118	82.5	21.2	4.68	3.40	3.91	8.76	7.82B	5
6	21.0B	10.3 B	8.02B	45.0B	116	81.2	19.3	4.60	3.39	4.23	8.12	7.90B	6
7	20.4B	9.90B	8.05B	50.5B	117	74.8	17.5	4.26	3.32	4.67	9.55	8.10B	7
8	19.8B	9.70B	8.00B	56.0B	117	66.1	16.4	3.95	3.33	4.61	9.02	8.22B	8
9	19.0B	9.60B	7.82B	57.2B	117	58.7	15.6	3.57	3.18	4.75	8.92	8.15B	9
10	18.3B	9.55B	7.70B	58.0B	118	52.5	15.3	3.66	2.87	4.86	8.25	7.90B	10
11	17.7B	9.30B	7.47B	58.5B	120	52.9	15.3	3.42	2.76	4.77	8.22B	7.58B	11
12	17.2B	8.80B	7.38B	59.6B	116	60.0	15.3	3.25	2.76	5.17	8.35B	7.22B	12
13	17.1B	8.50B	7.30B	62.0B	108	63.8	14.4	2.94	2.89	5.38	8.95B	7.15B	13
14	17.0B	8.30B	7.25B	66.0B	96.8	65.4	13.7	2.98	2.81	5.61	9.00B	7.17B	14
15	16.9B	8.05B	7.22B	78.0B	92.6	66.5	12.5	2.91	2.74	5.82	9.02B	7.15B	15
16	16.5B	7.40B	7.30B	93.5	91.3	65.4	11.7	2.84	2.54	5.82	9.35B	6.90B	16
17	15.9B	6.80B	7.40B	107	86.8	61.0	11.4	3.01	2.59	5.93	9.55B	6.60B	17
18	14.8B	6.57B	7.60B	115	81.4	53.8	10.9	2.87	2.50	6.03	9.40B	6.25B	18
19	14.5B	6.52B	8.10B	129	74.9	46.4	10.3	2.77	2.52	5.53	9.05B	6.00B	19
20	14.6B	6.59B	8.45B	154	71.1	41.7	9.36	2.69	2.63	5.51	8.40B	5.80B	20
21	15.0B	6.70B	8.57B	167	71.2	36.2	8.87	2.57	2.54	6.19	8.25B	5.65B	21
22	15.7B	6.95B	8.58B	179	69.2	32.5	8.59	2.73	2.61	6.12	8.15B	5.62B	22
23	15.6B	7.10B	8.56B	187	70.1	29.7	8.10	3.04	2.51	6.63	7.90B	5.65B	23
24	15.1B	7.50B	8.52B	194	63.7	27.7	7.64	2.93	2.38	6.95	7.72B	5.72B	24
25	14.5B	8.00B	8.50B	198	57.1	24.5	7.66	2.91	2.45	7.50	7.65B	5.78B	25
26	13.7B	8.10B	8.55B	196	57.3	22.5	7.59	2.97	2.44	8.07	7.75B	5.80B	26
27	12.8B	8.05B	8.60B	189	56.1	21.3	7.20	2.94	2.28	8.26	7.90B	5.75B	27
28	11.9B	8.00B	8.90B	178	55.5	19.4	6.86	2.86	2.25	8.64	8.02B	5.45B	28
29	11.0B		9.50B	166	54.1	18.4	6.40	2.93	2.30	9.07	8.05B	5.30B	29
30	10.5B		10.6 B	155	55.7	17.9	5.93	2.90	2.45	9.52	8.05B	4.97B	30
31	10.2B		11.9 B		63.8		6.33	3.13		9.69		4.93B	31
TOTAL	507.0	239.08	256.24	3 111.1	2 825.7	1 536.2	385.33	106.94	83.42	181.47	254.86	207.18	TOTAL
MEAN	16.4	8.54	8.27	104	91.2	51.2	12.4	3.45	2.78	5.85	8.50	6.68	MEAN
MAX	21.0	10.8	11.9	198	142	82.5	21.2	5.67	3.44	9.69	9.57	8.22	MAX
MIN	10.2	6.52	7.22	14.0	54.1	17.9	5.93	2.57	2.25	2.86	7.42	4.93	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.6
MAXIMUM DAILY, 198 ON APR 25
MINIMUM DAILY, 2.25 ON SEP 28
MAXIMUM INSTANTANEOUS,
201 AT 13:31 PST ON APR 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 46 N
LONG 122 40 41 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 800	JUL	33 300
FEB	20 700	AUG	9 240
MAR	22 100	SEP	7 210
APR	269 000	OCT	15 700
MAY	244 000	NOV	22 000
JUN	133 000	DEC	17 900

TOTAL DISCHARGE, 838 000 dam³

SALMON RIVER NEAR SALMON ARM - STATION NO. 08LE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.93	1.60B	1.40B	3.16	8.84	19.1	12.2	2.32	1.83E	1.45	1.69	1.61 B	1
2	1.89	1.58B	1.38B	3.85	9.86	19.6	11.6	2.21	1.84E	1.43	1.65	1.70 B	2
3	1.85	1.61B	1.23	4.52	11.1	19.7	12.0	2.13	1.76E	1.46	1.70	1.81 B	3
4	1.90	1.70B	1.53	4.96	12.8	24.6	11.0	2.06	1.77E	1.50	1.74	1.79 B	4
5	1.91	1.79B	1.80	5.14	15.3	26.3	9.99	1.94	1.80E	1.48	1.73	1.78 B	5
6	1.93	1.85B	1.84	5.28	16.2	24.1	12.0	1.86	1.81E	1.47	1.68	1.82 B	6
7	2.11	1.90B	2.15	5.57	13.3	23.2	13.3	1.75	1.79E	1.49	1.71	1.87 B	7
8	2.11	1.84B	2.50	6.05	11.9	21.6	12.1	1.67	1.78E	1.51	1.71	1.98 B	8
9	2.23	1.82B	2.25	6.06	11.0	20.7	10.8	1.61	1.75E	1.63	1.86	1.82 B	9
10	2.27	1.93B	2.18	5.83	10.5	23.2	9.53	1.55	1.70E	1.64	2.53	1.79 B	10
11	1.91	1.87B	2.22	5.56	10.6	28.1	8.54	1.51	1.63E	1.59	3.61	1.77 B	11
12	1.84	1.74B	2.16	5.52	11.4	42.0	7.68	1.46	1.58E	1.59	4.14	1.80 B	12
13	2.02	1.63B	2.14	5.90	10.8	48.8	6.96	1.43	1.64E	1.57	3.98	1.69 B	13
14	2.00	1.57B	2.16	6.16	10.3	48.4	6.25	1.43	1.60E	1.58	3.42	1.53 B	14
15	1.93	1.60B	2.22	6.83	9.73	45.5	5.76	1.42	1.62E	1.58	2.87	1.40 B	15
16	1.91	1.40B	2.30	7.62	9.07	44.2	5.32	1.38	1.59E	1.60	2.52	1.35 B	16
17	1.89	1.18B	2.38	8.64	8.88	42.7	4.93	1.42E	1.60E	1.59	2.37	1.28 B	17
18	1.72	1.21B	2.72	9.68	9.86	39.7	4.54	1.41E	1.57E	1.61	2.25	1.17 B	18
19	1.71B	1.27B	3.00	10.8	10.7	36.0	4.20	1.40E	1.54E	1.60	2.21	1.07 B	19
20	1.78B	1.31B	3.17	12.3	9.99	35.9	3.84	1.43E	1.50E	1.58	2.21	0.940B	20
21	1.85B	1.34B	3.20	13.6	9.72	32.1	3.60	1.47E	1.46E	1.79	2.12	0.872B	21
22	1.89B	1.35B	3.03	14.0	9.57	28.5	3.36	1.50E	1.40E	1.85	2.12	0.900B	22
23	1.91B	1.36B	2.77	13.7	10.7	25.6	3.13	1.48E	1.41A	1.75	2.21	0.950B	23
24	1.84	1.38B	2.53	15.3	12.4	22.6	3.23	1.65E	1.39A	1.69	2.34	1.00 B	24
25	1.83	1.41B	2.44	13.4	15.6	20.4	3.99	1.72E	1.39	1.75	2.33	1.05 B	25
26	1.82	1.43B	2.43	11.9	17.6	18.5	3.58	1.79E	1.38	1.82	2.10B	1.00 B	26
27	1.78B	1.46B	2.42	10.9	16.7	17.2	3.21	1.70E	1.38	1.73	1.98B	0.960B	27
28	1.79B	1.44B	2.38	10.1	16.6	16.0	2.87	1.62E	1.40	1.70	1.88B	0.920B	28
29	1.76B		2.40	9.40	18.3	14.5	2.67	1.80E	1.42	1.71	1.73B	0.920B	29
30	1.72B		2.47	8.87	20.6	13.3	2.56	2.12E	1.41	1.74	1.63B	0.980B	30
31	1.64B		2.75		19.4		2.46	1.98E		1.71		1.06 B	31
TOTAL	58.67	43.57	71.55	250.60	389.32	842.1	207.10	52.22	47.74	50.19	68.02	42.482	TOTAL
MEAN	1.89	1.56	2.31	8.35	12.6	28.1	6.68	1.68	1.59	1.62	2.27	1.37	MEAN
MAX	2.27	1.93	3.20	15.3	20.6	48.8	13.1	2.32	1.84	1.85	4.14	1.98	MAX
MIN	1.64	1.18	1.23	3.16	8.84	13.3	2.46	1.38	1.38	1.43	1.63	0.872	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.82
MAXIMUM DAILY, 48.8 ON JUN 13
MINIMUM DAILY, 0.872B ON DEC 21
MAXIMUM INSTANTANEOUS,
50.1 AT 01:15 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 35 N
LONG 119 19 40 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 070	JUL	17 900
FEB	3 760	AUG	4 510
MAR	6 180	SEP	4 120
APR	21 700	OCT	4 340
MAY	33 600	NOV	5 880
JUN	72 800	DEC	3 670

TOTAL DISCHARGE, 184 000 dam³

SALMON RIVER NEAR SAYWARD - STATION NO. 08HD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.0E	58.0E	37.0E	53.0E	44.8	40.8	39.5	8.30	19.8	4.17	80.0E	110	1
2	48.5E	62.0E	37.5E	51.0E	79.1	39.7	32.1	7.56	15.1	6.47	44.0E	80.1	2
3	48.3E	146 E	38.5E	47.0E	65.4	127	28.9	7.11	11.3	12.3	58.0E	292	3
4	49.2A	139 E	39.5E	42.5E	67.1	109	24.6	6.93	9.22	82.4	83.0E	1 220 A	4
5	54.0A	120 E	42.0E	40.0E	78.8	92.1	22.2	6.68	7.90	46.5	57.0E	700 E	5
6	88.0E	100 E	45.0E	38.0E	61.3	71.2	31.1	6.48	7.20	24.7	40.0E	350 E	6
7	140 E	85.0E	47.6A	37.2E	42.0	88.7	30.5	6.27	6.64	17.1	87.4A	170 E	7
8	200 E	68.0E	45.0E	38.5E	34.5	99.6	24.7	6.04A	6.09	13.7	72.5	210 E	8
9	170 E	55.0E	41.0E	40.5E	32.8	102	21.0	5.46	5.83	14.5	93.3	240 E	9
10	115 E	48.0E	53.0E	38.0E	33.4	110	19.3	5.38	5.42	34.5	191	205 E	10
11	85.0E	44.0E	48.0E	35.5E	34.0	127	18.2	5.19	5.15	24.2	967 E	160 E	11
12	70.0E	41.0E	43.0E	34.8E	34.4	88.5	17.4	5.35	5.09	55.5	474 E	135 E	12
13	62.0E	38.5E	39.0E	35.5E	42.9	58.6	16.6	5.45	4.68	44.2	312 E	110 E	13
14	69.0E	36.0E	39.3E	36.0E	41.4	47.8	15.2	5.35	4.68	30.3	241 A	94.0E	14
15	78.0E	33.8E	44.0E	35.5E	36.9	43.5	14.5	5.29	4.68	25.1	297	62.0E	15
16	76.0E	32.0E	60.0E	35.0E	35.1	40.6	13.7	10.9	4.73	22.1	175	51.0E	16
17	78.0E	30.0E	76.0E	50.0E	34.1	36.4	12.9	14.9	4.66	23.1	181	43.0E	17
18	64.0E	28.5E	74.0E	97.7A	30.6	31.8	11.6	9.75	4.54	86.3	309	37.9A	18
19	55.0E	27.5E	78.0E	99.3	30.4	30.6	11.4	7.99	4.56	73.4	367	33.8	19
20	49.0E	27.0E	75.0E	100	31.5	29.9	11.0	6.87	4.57	40.6	423	27.8	20
21	48.0E	27.2E	80.0E	78.0	35.6	28.5	10.6	6.24	4.64	116	450	28.3B	21
22	53.0E	28.0E	73.0E	87.7	47.9	28.2	10.5	5.69	4.68	88.7	445	27.6B	22
23	66.0E	30.0E	61.0E	79.3	44.0	27.1	10.2	5.21	4.70	62.5	1 280 E	26.8B	23
24	64.0E	32.0E	56.0E	65.2	35.1	23.8	9.82	4.90	4.51	452	1 050 E	26.4	24
25	120 E	35.0E	48.0E	70.0	30.2	22.1	9.57	4.74	4.23	787 A	558 E	24.5	25
26	110 E	37.5E	42.5E	69.5	29.2	21.2	9.16	4.58	4.11	440 E	360 E	23.0	26
27	92.0E	38.0E	42.0E	61.5	31.8	20.2	9.05	4.50	4.03	250 E	148 E	22.4	27
28	81.0E	37.3E	44.0E	55.0	43.0	21.5	8.87	4.64	4.03	275 E	79.4A	19.8	28
29	74.0E		48.0E	44.5	44.6	31.9	8.45	4.58	3.91	240 E	404	17.6	29
30	71.0E		51.5E	39.2	41.4	46.0	8.27	5.67	3.90	190 E	183	18.3	30
31	64.0E		53.5E		39.7		8.31	12.4		140 E		18.6	31
TOTAL	2 491.0	1 484.3	1 601.9	1 634.9	1 304.2	1 685.3	519.20	206.40	184.58	3 722.34	9 509.6	4 574.9	TOTAL
MEAN	80.4	53.0	51.7	54.5	42.1	56.2	16.7	6.66	6.15	120	317	148	MEAN
MAX	200	146	80.0	100	78.8	127	39.5	14.9	19.8	787	1 280	1 220	MAX
MIN	48.0	27.0	37.0	34.8	29.2	20.2	8.27	4.50	3.90	4.17	40.0	17.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.2
MAXIMUM DAILY, 1 280E ON NOV 23
MINIMUM DAILY, 3.90 ON SEP 30
MAXIMUM INSTANTANEOUS,
1 560 AT 16:48 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 24 N
LONG 125 53 50 W
DRAINAGE AREA, 1 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	215 000	JUL	44 900
FEB	128 000	AUG	17 800
MAR	138 000	SEP	15 900
APR	141 000	OCT	322 000
MAY	113 000	NOV	822 000
JUN	146 000	DEC	395 000

TOTAL DISCHARGE, 2 500 000 dam³

SAN JOSE RIVER ABOVE BORLAND CREEK - STATION NO. 08MC040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.460B	0.440B	0.650B	2.48	4.39	3.33	7.65	3.39	0.459	0.085	0.160B	0.360B	1
2	0.457B	0.440B	0.700B	2.11	4.54	3.24	7.21	3.15	0.417	0.069	0.150B	0.380B	2
3	0.430B	0.450B	0.730B	1.97	4.55	3.10	6.79	3.03	0.350	0.056	0.145B	0.400B	3
4	0.420B	0.460B	0.760B	1.79	4.45	3.29	6.44	2.83	0.275	0.094	0.142B	0.420B	4
5	0.390B	0.470B	0.780B	1.75	4.47	3.68	5.99	2.67	0.223	0.118	0.140B	0.440B	5
6	0.380B	0.480B	0.790B	1.62	4.07	3.54	5.87	2.45	0.177	0.120	0.140B	0.420B	6
7	0.390B	0.490B	0.800B	1.61	4.11	3.84	6.67	2.19	0.163	0.118	0.142B	0.400B	7
8	0.380B	0.500B	0.800B	1.63	4.09	3.71	7.03	2.08	0.205	0.138	0.150B	0.390B	8
9	0.370B	0.500B	0.800B	1.60	4.04	3.55	7.43	1.84	0.180	0.171	0.170B	0.380B	9
10	0.350B	0.500B	0.800B	1.66	4.09	3.68	7.11	1.72	0.157	0.160	0.258	0.350B	10
11	0.300B	0.510B	0.820B	1.75	4.25	4.31	7.04	1.60	0.105	0.220	0.398	0.330B	11
12	0.310B	0.520B	0.850B	1.99	4.13	5.07	6.79	1.49	0.105	0.249	0.476	0.325B	12
13	0.340B	0.520B	0.880B	2.11	3.99	5.92	6.44	1.48	0.128	0.240	0.541	0.320B	13
14	0.360B	0.520B	0.920B	2.00	3.72	5.79	6.25	1.47	0.175	0.229	0.534	0.320B	14
15	0.370B	0.520B	1.00 B	1.81	3.68	5.53	6.15	1.45	0.118	0.230	0.478	0.310B	15
16	0.370B	0.530B	1.20 B	2.04	3.66	5.85	5.96	1.41	0.278	0.222	0.413	0.300B	16
17	0.375B	0.540B	1.50 B	2.22	3.64	6.02	5.88	1.38	0.403	0.224	0.406	0.280B	17
18	0.375B	0.540B	2.50 B	3.29	3.63	6.68	5.61	1.37	0.389	0.245	0.385	0.260B	18
19	0.380B	0.550B	4.00 B	3.88	3.62	6.75	5.59	1.24	0.410	0.237	0.373	0.255B	19
20	0.390B	0.550B	3.00 B	4.43	3.67	6.80	5.31	1.12	0.438	0.258	0.365B	0.250B	20
21	0.400B	0.560B	2.90 B	4.71	3.67	7.31	4.98	1.09	0.406	0.265	0.360B	0.240B	21
22	0.410B	0.561B	2.70 B	4.57	3.62	7.60	4.87	1.03	0.301	0.285	0.355B	0.235B	22
23	0.420B	0.570B	2.50 B	4.35	3.60	7.29	4.63	1.08	0.232	0.282	0.350B	0.235B	23
24	0.440B	0.580B	2.20 B	4.89	3.57	7.27	4.52	1.02	0.212	0.273	0.345B	0.240B	24
25	0.460B	0.600B	2.30 B	4.00	3.67	7.16	4.54	1.00	0.302	0.257	0.340B	0.245B	25
26	0.470B	0.600B	2.20 B	4.04	3.76	7.19	4.52	0.988	0.119	0.255	0.335B	0.250B	26
27	0.460B	0.600B	2.15 B	4.28	3.69	7.34	4.33	0.938	0.102	0.223	0.330B	0.252B	27
28	0.470B	0.620B	2.20 B	4.61	3.54	7.68	4.10	0.822	0.094	0.205	0.330B	0.250B	28
29	0.470B		2.30 B	5.34	3.59	7.90	3.90	0.676	0.087	0.189	0.335B	0.245B	29
30	0.460B		2.40 B	4.51	3.69	7.62	3.71	0.573	0.098	0.185	0.340B	0.240B	30
31	0.450B		2.66		3.51		3.57	0.515		0.172		0.250B	31
TOTAL	12.507	14.721	50.790	89.04	120.70	168.00	176.88	49.092	7.108	6.074	9.386	9.572	TOTAL
MEAN	0.404	0.526	1.64	2.97	3.89	5.60	5.71	1.58	0.237	0.196	0.313	0.309	MEAN
MAX	0.470	0.620	4.00	5.34	4.55	7.90	7.65	3.39	0.459	0.285	0.541	0.440	MAX
MIN	0.300	0.440	0.650	1.60	3.51	3.10	3.57	0.515	0.087	0.056	0.140	0.235	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, ..96
MAXIMUM DAILY, 7.90 ON JUN 29
MINIMUM DAILY, 0.056 ON OCT 03
MAXIMUM INSTANTANEOUS,
8.00 AT 12:45 PST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 37 N
LONG 121 59 27 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080	JUL	15 300
FEB	1 270	AUG	4 240
MAR	4 390	SEP	614
APR	7 690	OCT	525
MAY	10 400	NOV	811
JUN	14 500	DEC	827

TOTAL DISCHARGE, 61 600 dam³

SAN JOSEF RIVER BELOW SHARP CREEK - STATION NO. 08HF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.32	2.23	0.888	3.66	0.530E	0.500E	1.68 E	6.52	9.60E	1
2	---	---	---	2.91	2.29	1.14	2.06	0.510E	0.460E	1.23 E	4.48	14.0 E	2
3	---	---	---	2.22	2.06	3.88	1.51	0.504E	0.430E	2.80 E	---	---	3
4	---	---	---	1.82	1.95	1.84	1.26	0.501E	0.420E	7.00 E	9.31	---	4
5	---	---	---	1.60	2.14	1.26	1.13	0.500E	0.400E	2.50 E	6.31	---	5
6	---	---	---	1.49	7.22	1.12	1.68	0.498E	0.380E	0.900E	---	11.3 E	6
7	---	---	---	1.40	4.06	1.17	1.34	0.490E	0.378E	1.00 E	---	14.0 E	7
8	---	---	---	1.34	2.38	2.86	1.14	0.482E	0.375E	2.00 E	8.66	---	8
9	---	---	---	1.28	1.97	2.40	1.01	0.481E	0.369E	3.40 E	6.99	13.0 E	9
10	---	---	---	1.32	1.82	1.50	0.918	0.480E	0.360E	6.25 E	4.58	9.00E	10
11	---	---	---	1.54	1.70	1.27	0.855	0.479E	0.374E	2.20 E	---	6.60E	11
12	---	---	---	1.53	1.55	1.39	0.807	0.479E	0.380E	3.00 E	---	5.80E	12
13	---	---	---	1.67	2.24	1.41	0.761	0.480E	0.370E	3.90 E	---	5.50E	13
14	---	---	---	1.48	1.95	1.14	0.730	0.495E	0.366E	2.60 E	---	8.10E	14
15	---	---	---	1.30	1.67	1.00	0.710	0.800E	0.375E	1.85 E	---	5.10E	15
16	---	---	---	1.24	1.51	0.945	0.697	1.62 E	0.390E	4.60 A	---	7.50E	16
17	---	---	---	2.96	1.39	0.886	0.672	1.05 E	0.410E	---	9.41	10.0 E	17
18	---	---	---	2.39	1.30	0.848	0.653	0.840E	0.420E	---	6.56	7.70E	18
19	---	---	---	3.20	1.23	0.860	0.638	0.590E	0.400E	5.17	---	6.20E	19
20	---	---	---	3.17	1.18	0.931	0.612	0.540E	0.380E	4.57	9.46	5.50E	20
21	---	---	---	5.83	1.15	0.860	0.601	0.505E	0.367E	---	---	5.00E	21
22	---	---	---	3.93	1.15	0.803	0.592A	0.469A	0.367E	7.24	---	4.60E	22
23	---	---	---	2.67	1.07	0.745	0.582E	0.458E	0.352E	---	---	4.20E	23
24	---	---	---	3.07	1.01	0.710	0.575E	0.440E	0.350E	---	---	3.90E	24
25	---	---	---	8.62	0.968	0.696	0.570E	0.430E	0.354E	---	5.76	3.76E	25
26	---	---	---	---	0.936	0.693	0.565E	0.420E	0.351E	---	6.00	3.95E	26
27	---	---	2.01A	---	0.971	1.11	0.558E	0.410E	0.360E	---	8.73	4.30E	27
28	---	---	1.87	5.35	1.03	3.40	0.547E	0.405E	0.380E	---	---	3.65E	28
29	---	---	1.81	2.92	0.943	7.86	0.543E	0.490E	0.600E	---	---	3.40E	29
30	---		1.74	2.17	0.977	7.34	0.542E	0.700E	1.00 E	---	---	3.47E	30
31	---		1.72		0.960		0.540E	0.600E		---		3.80E	31
TOTAL	---	---	---	---	55.005	52.955	29.058	17.676	12.418	---	---	---	TOTAL
MEAN	---	---	---	---	1.77	1.77	0.937	0.570	0.414	---	---	---	MEAN
MAX	---	---	---	---	7.22	7.86	3.66	1.62	1.00	---	---	---	MAX
MIN	---	---	---	---	0.936	0.693	0.540	0.405	0.350	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 11 N
LONG 128 09 51 W
DRAINAGE AREA, 64.5 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 510
FEB	---	AUG	1 530
MAR	---	SEP	1 070
APR	---	OCT	---
MAY	4 750	NOV	---
JUN	4 580	DEC	---

SAN JUAN RIVER NEAR PORT RENFREW - STATION NO. 08HA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.8	52.0	42.0E	45.7	23.6	33.7	9.74	2.16	12.3	1.48	50.3	85.6	1
2	14.7	157	35.3E	43.6	24.1	23.2	8.48	2.13	6.59	1.59	38.2	66.4	2
3	22.8	398	35.2E	40.6	23.2	58.4	7.69	2.03	4.42	17.9	57.2	471	3
4	41.4	123	46.0E	37.4	22.4	64.2	6.76	1.90	3.45	329 E	57.7	587	4
5	63.0	140	75.0E	36.3	23.1	46.2	6.32	1.93	2.93	68.6	43.6	174	5
6	65.9	86.3	100 E	36.3	20.1	31.9	7.41	1.87	2.62	33.3	34.8	114	6
7	93.5	63.0	153 E	36.9	16.3	41.7	7.05	1.81	2.36	22.6	55.1	81.3	7
8	56.4	50.4	110 E	35.0	14.1	39.1	6.24	1.74	2.24	17.1	55.6	158	8
9	56.7	89.3	74.0E	29.3	13.2	34.6	5.63	1.71	2.06	15.1	484	155	9
10	30.5	350	190 E	26.8	12.8	39.0	5.17	1.69	1.99	33.2	659	109	10
11	29.0	395	160 E	32.0	12.3	46.3	4.83	1.70	1.94	25.0	597	80..	11
12	39.3	122	130 E	36.8	11.5	52.5	4.58	1.78	1.91	54.7	273	64.9	12
13	44.2	73.6	93.0E	32.5	10.8	56.2	4.34	1.60	1.88	34.5	373	54.1	13
14	39.8	55.0	59.0E	37.1	10.9	52.6	4.10	1.56	1.81	27.9	168	55.2	14
15	37.6A	46.1	68.0E	35.9	10.2	19.4	3.89	1.53	1.78	37.8	137	97.1	15
16	37.5E	38.4	64.0E	40.1	9.55	16.9	3.68	1.60	1.81	28.0	130	69.5	16
17	30.5E	31.2	100 E	43.0	9.05	14.9	3.56	1.93	1.89	26.2	149	92.4	17
18	29.7A	30.9A	122 E	31.5	8.77	13.4	3.40	1.91	1.95	59.0	82.9	94.7	18
19	26.8	44.0E	120 E	31.1	8.26	12.4	3.16	1.86	1.92	42.5	80.7	58.8	19
20	24.2	56.0E	130 E	38.7	7.97	11.5	3.14	1.78	1.87	29.9	66.0	42.0	20
21	23.6	116 E	120 E	28.4	8.84	10.6	2.99	1.70	1.73	94.3	85.5	33.0	21
22	72.6	112 E	105 E	27.0	15.0	9.64	2.84	1.63	1.69	54.8	309	29.2	22
23	65.3	110 E	80.0E	37.1	12.4	8.77	2.74	1.63	1.61	37.8	724	25.3	23
24	90.9	138 E	60.0E	34.4	9.43	7.98	2.70	1.55	1.60	55.8	374	22.4	24
25	165	128 E	48.0E	45.9	8.31	7.45	2.61	1.54	1.62	291	134	20.1	25
26	90.0	108 E	40.0E	47.6	7.60	6.89	2.61	1.57	1.58	167 E	89.7	18.7	26
27	98.0	77.0E	31.0A	35.7	7.33	6.43	2.56	1.63	1.50	90.9 E	75.4	23.7	27
28	174	54.0E	33.7	33.8	8.20	6.98	2.39	1.63	1.49	111	97.8	20.0B	28
29	128		36.7	30.0	7.76	7.88	2.36	1.59	1.44	98.0	383	17.0B	29
30	79.8		42.3	26.0	6.95	9.19	2.35	1.47	1.44	109	124	16.2B	30
31	58.5		44.9		19.1		2.25	20.5		70.7		77.2	31
TOTAL	1 855.0	3 246.2	2 550.1	1 072.5	403.12	709.61	137.57	74.66	75.42	2 095.87	5 988.7	3 013.0	TOTAL
MEAN	59.8	116	82.3	35.8	13.0	23.7	4.44	2.41	2.51	67.6	200	97.2	MEAN
MAX	174	398	190	47.6	24.1	64.2	9.74	20.5	12.3	329	724	587	MAX
MIN	14.7	30.9	31.0	26.0	6.95	6.43	2.25	1.53	1.44	1.48	34.8	16.2	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.1
MAXIMUM DAILY, 724 ON NOV 23
MINIMUM DAILY, 1.44 ON SEP 29
MAXIMUM INSTANTANEOUS, 1 070 AT 19:36 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 38 N
LONG 124 17 49 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	160 000	JUL	11 900
FEB	280 000	AUG	6 450
MAR	220 000	SEP	6 520
APR	92 700	OCT	181 000
MAY	34 800	NOV	517 000
JUN	61 300	DEC	260 000

TOTAL DISCHARGE, 1 830 000 dam³

SANDY CREEK ABOVE RELKOFF DIVERSION - STATION NO. 08NJ167

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.111	0.390	1.13	0.322	0.118	0.094	---	---	---	1
2	---	---	---	0.164	0.408	1.00	0.335	0.108	0.081	---	---	---	2
3	---	---	---	0.203	0.425	0.941	0.316	0.098	0.075	---	---	---	3
4	---	---	---	0.199	0.516	0.947	0.274	0.092	0.070	---	---	---	4
5	---	---	---	0.198	0.654	0.810	0.260	0.100	0.069	---	---	---	5
6	---	---	---	0.210	0.726	0.743	0.277	0.099	0.068	---	---	---	6
7	---	---	---	0.253	0.586	0.820	0.248	0.092	0.067	---	---	---	7
8	---	---	---	0.318	0.515	0.709	0.223	0.088	0.062	---	---	---	8
9	---	---	---	0.310	0.479	0.667	0.214	0.090	0.066	---	---	---	9
10	---	---	---	0.281	0.471	0.923	0.202	0.087	0.058	---	---	---	10
11	---	---	---	0.250	0.475	0.841	0.195	0.082	0.051	---	---	---	11
12	---	---	---	0.248	0.472	0.764	0.191	0.082	0.054	---	---	---	12
13	---	---	---	0.250	0.478	0.683	0.180	0.084	0.056	---	---	---	13
14	---	---	---	0.273	0.497	0.631	0.172	0.085	0.053	---	---	---	14
15	---	---	---	0.307	0.473	0.602	0.163	0.076	0.053	---	---	---	15
16	---	---	---	0.351	0.439	0.590	0.159	0.076	0.055	---	---	---	16
17	---	---	---	0.376	0.474	0.565	0.149	0.076	0.055	---	---	---	17
18	---	---	---	0.428	0.475	0.544	0.144	0.077	0.054	---	---	---	18
19	---	---	---	0.487	0.460	0.538	0.138	0.073	0.054	---	---	---	19
20	---	---	---	0.543	0.456	0.537	0.132	0.072	0.051	---	---	---	20
21	---	---	---	0.659	0.442	0.499	0.128	0.084	0.046	---	---	---	21
22	---	---	---	0.702	0.455	0.489	0.132	0.090	0.052	---	---	---	22
23	---	---	---	0.716	0.528	0.484	0.125	0.100	0.050	---	---	---	23
24	---	---	---	0.681	0.589	0.461	0.123	0.078	0.046	---	---	---	24
25	---	---	---	0.595	0.804	0.443	0.179	0.103	0.049	---	---	---	25
26	---	---	---	0.530	0.723	0.421	0.210	0.084	0.050	---	---	---	26
27	---	---	---	0.500	0.671	0.393	0.196	0.069	0.046	---	---	---	27
28	---	---	---	0.491	0.724	0.372	0.146	0.066	0.045	---	---	---	28
29	---	---	---	0.447	0.842	0.345	0.132	0.071	0.045	---	---	---	29
30	---		---	0.408	0.903	0.344	0.121	0.138	0.044	---	---	---	30
31	---		0.081		0.875		0.122	0.111		---		---	31
TOTAL	---	---	---	11.489	17.425	19.236	5.908	2.749	1.719	---	---	---	TOTAL
MEAN	---	---	---	0.383	0.562	0.641	0.191	0.089	0.057	---	---	---	MEAN
MAX	---	---	---	0.716	0.903	1.13	0.335	0.138	0.094	---	---	---	MAX
MIN	---	---	---	0.111	0.390	0.344	0.121	0.066	0.044	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.13 ON JUN 01

MAXIMUM INSTANTANEOUS, 1.19 AT 02:36 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 51 N
LONG 117 21 30 W
DRAINAGE AREA, 11.1 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	510
FEB	---	AUG	238
MAR	---	SEP	149
APR	993	OCT	---
MAY	1 510	NOV	---
JUN	1 660	DEC	---

SARITA RIVER NEAR BAMFIELD - STATION NO. 08HB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.1	16.5	11.5	8.17	5.33	12.5	7.27	0.704	4.26	0.681	14.9	40.0 E	1
2	16.4	115	11.2	7.64	4.77	13.4	4.93	0.678	2.81	1.02	11.8	28.0 E	2
3	25.3	176	13.5	6.85	4.24	93.1	3.98	0.664	2.00	13.2	17.7	140 E	3
4	50.3	48.2	20.2	6.08	3.76	41.7	3.20	0.697	1.32	111	16.6	230 E	4
5	79.3	70.3	16.8	5.71	3.53	23.0	3.30	0.639	1.04	22.9	11.8	120 E	5
6	56.8	30.5	43.7	5.62	3.43	15.1	4.82	0.608	0.954	10.4	10.2	60.0 E	6
7	83.8	19.6	23.5	5.49	3.05	24.3	4.15	0.622	0.863	6.76	27.5	30.0 E	7
8	42.0	15.6	16.3	5.05	2.81	20.9	3.29	0.582	0.748	4.68	18.8	46.0 E	8
9	54.1	50.4	58.0	4.43	2.58	16.3	2.83	0.542	0.755	15.7	157	72.0 E	9
10	36.3	150	77.6	3.81	2.32	28.0	2.44	0.536	0.721	19.2	264	50.0 E	10
11	18.6	107	27.2	4.44	2.14	39.4	2.35	0.527	0.678	14.0	238	38.0 E	11
12	13.6	31.9	16.7	5.81	1.97	18.8	2.00	0.513	0.666	27.6	158	29.0 E	12
13	15.0	16.4	17.3	5.30	2.01	12.3	1.71	0.536	0.642	14.5	103	23.0 E	13
14	21.4	11.7	37.0	6.00	2.17	9.27	1.54	0.586	0.619	11.1	68.0	19.0 E	14
15	14.9	9.85	22.8	5.19	2.10	7.53	1.42	0.559	0.603	11.0	49.4	20.0 E	15
16	13.5	7.90	18.0	4.82	1.87	6.27	1.41	2.48	0.694	8.32	61.5	21.4 A	16
17	11.4	6.10	25.8	5.43	1.60	5.49	1.27	1.98	0.867	13.4	52.8	42.8	17
18	9.55	5.01	29.4	5.01	1.39	4.79	1.19	1.42	0.802	23.0	31.3	40.4	18
19	8.52	4.91	20.7	4.95	1.58	3.79	1.17	1.18	0.710	13.4	24.8	17.7	19
20	7.74	8.13	28.6	6.56	1.86	3.69	1.14	1.05	0.662	9.62	18.0	11.6	20
21	8.34	11.7	21.8	5.17	2.36	3.26	0.977	0.885	0.636	43.4	28.3	9.35	21
22	36.6	10.7	16.2	8.42	14.0	2.95	0.909	0.794	0.620	18.7	75.1	7.86	22
23	32.8	11.9	13.8	8.14	10.3	2.48	0.914	0.764	0.610	14.1	298	6.82	23
24	45.9	17.0	11.0	6.19	6.39	2.00	0.915	0.681	0.611	37.8	91.9	6.25	24
25	90.6	16.7	9.25	17.6	4.59	2.13	0.836	0.636	0.575	221	28.3	6.03	25
26	34.1	13.6	7.96	17.5	3.67	1.91	0.836	0.644	0.581	57.5	18.3	5.79	26
27	31.7	11.4	7.35	12.3	4.36	1.85	0.833	0.587	0.587	56.4	15.2A	8.92	27
28	70.1	11.5	7.99	10.6	5.00	2.88	0.844	0.584	0.606	68.4	75.0E	7.45	28
29	45.4		8.60	8.03	4.17	6.12	0.859	0.612	0.534	62.7	140 E	5.84	29
30	29.1		8.55	6.19	5.35	10.4	0.817	1.13	0.553	55.6	50.0E	5.80	30
31	18.2		8.26		10.1		0.758	6.51		23.4		45.0	31
TOTAL	1 064.45	1 005.50	656.56	212.50	125.40	435.61	64.908	30.931	28.327	1 010.481	2 161.9	1 194.01	TOTAL
MEAN	34.3	35.9	21.2	7.08	4.05	14.5	2.09	0.998	0.944	32.6	72.1	38.5	MEAN
MAX	90.6	176	77.6	17.6	14.0	93.1	7.27	6.51	4.26	221	298	230	MAX
MIN	7.74	4.91	7.35	3.81	1.39	1.85	0.758	0.513	0.534	0.681	10.2	5.79	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.9
MAXIMUM DAILY, 298 ON NOV 23
MINIMUM DAILY, 0.513 ON AUG 12
MAXIMUM INSTANTANEOUS,
441 AT 19:26 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 34 N
LONG 124 57 54 W
DRAINAGE AREA, 162 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	92 000	JUL	5 610
FEB	86 900	AUG	2 670
MAR	56 700	SEP	2 450
APR	18 400	OCT	87 300
MAY	10 800	NOV	187 000
JUN	37 600	DEC	103 000

TOTAL DISCHARGE, 690 000 dam³

SCOTTIE CREEK ABOVE CHROME CREEK - STATION NO. 08LF089

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.170	0.714	1.73	0.645	0.317	0.154	0.107A	---	---	1
2	---	---	---	0.203	0.954	1.53	0.977	0.284	0.147	---	---	---	2
3	---	---	---	0.232	1.06	1.51	1.12	0.268	0.141	---	---	---	3
4	---	---	---	0.230	1.11	1.49	0.837	0.239	0.131	---	---	---	4
5	---	---	---	0.229	1.11	1.26	0.813	0.223	0.137	---	---	---	5
6	---	---	---	0.254	1.10	1.16	6.60 E	0.211	0.131	---	---	---	6
7	---	---	---	0.276	1.03	1.13	17.0 E	0.204	0.121	---	---	---	7
8	---	---	---	0.316	1.03	1.02	7.10 E	0.194	0.115	---	---	---	8
9	---	---	---	0.254	0.924	0.990	3.80 E	0.184	0.112	---	---	---	9
10	---	---	---	0.225	0.919	1.46	2.28 A	0.175	0.109	---	---	---	10
11	---	---	---	0.227	0.954	1.86	1.87	0.170	0.108	---	---	---	11
12	---	---	---	0.278	0.973	3.02	1.60	0.157	0.106	---	---	---	12
13	---	---	---	0.330	0.951	4.13	1.39	0.153	0.105	---	---	---	13
14	---	---	---	0.350	1.13	3.21	1.26	0.151	0.106	---	---	---	14
15	---	---	---	0.413	1.04	2.65	1.12	0.144	0.107	---	---	---	15
16	---	---	---	0.489	0.949	2.31	1.01	0.139	0.134	---	---	---	16
17	---	---	---	0.554	1.60	1.93	0.907	0.148	0.140	---	---	---	17
18	---	---	---	0.604	2.15	1.77	0.890	0.214	0.126	---	---	---	18
19	---	---	---	0.607	1.86	1.70	0.799	0.260	0.116	---	---	---	19
20	---	---	---	0.613	1.65	1.99	0.701	0.193	0.112	---	---	---	20
21	---	---	---	0.590	1.65	1.58	0.631	0.171	0.109	---	---	---	21
22	---	---	---	0.578	1.48	1.40	0.568	0.157	0.108	---	---	---	22
23	---	---	---	0.585	1.39	1.28	0.551	0.149	0.106	---	---	---	23
24	---	---	---	0.695	1.72	1.17	0.580	0.160	0.105	---	---	---	24
25	---	---	---	0.677	2.78	1.07	0.563	0.164	0.105	---	---	---	25
26	---	---	---	0.631	2.96	0.973	0.484	0.162	0.103	---	---	---	26
27	---	---	---	0.681	2.50	0.906	0.422	0.162	0.106	---	---	---	27
28	---	---	0.116A	0.632	2.42	0.822	0.370	0.162	0.109	---	---	---	28
29	---	---	0.117	0.560	2.34	0.766	0.344	0.166	0.107	---	---	---	29
30	---	---	0.122	0.545	2.04	0.702	0.327	0.169	0.106	---	---	---	30
31	---		0.133		1.87		0.344	0.166		---	---	---	31
			0.155										
TOTAL	---	---	---	13.028	46.358	48.519	57.903	5.806	3.522	---	---	---	TOTAL
MEAN	---	---	---	0.434	1.50	1.62	1.87	0.187	0.117	---	---	---	MEAN
MAX	---	---	---	0.695	2.96	4.13	17.0	0.317	0.154	---	---	---	MAX
MIN	---	---	---	0.170	0.714	0.702	0.327	0.139	0.103	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 17.0E ON JUL 07

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 01 N
LONG 121 23 54 W
DRAINAGE AREA, 141 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 000
FEB	---	AUG	502
MAR	---	SEP	304
APR	1 130	OCT	---
MAY	4 010	NOV	---
JUN	4 190	DEC	---

SETON RIVER NEAR LILLOOET - STATION NO. 08ME003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.11	7.09	6.43	6.10	5.68	5.47	5.28	14.0	13.6	13.5	13.8	13.1	1
2	7.08	7.00	6.51	6.41	5.71	5.15	5.37	13.8	13.5	13.5	13.9	12.9	2
3	7.35	6.91	6.58	6.44	5.73	5.05	5.49	13.9	13.6	13.7	13.5	13.1	3
4	7.18	6.79	6.64	6.06	5.69	5.17	5.42	13.9	13.3	13.5	13.6	13.1	4
5	7.24	6.76	6.64	5.98	5.61	17.3	5.35	13.8	13.5	13.6	14.2	13.2	5
6	7.30	6.80	6.90	6.37	5.72	34.4	5.47	14.1	13.7	13.5	14.0	8.23	6
7	7.26	6.83	6.63	6.37	5.72	34.0	5.31	14.5	13.8	13.8	13.9	7.81	7
8	7.30	6.89	6.44	6.10	5.90	33.9	5.17	14.1	13.7	13.5	14.2	7.28	8
9	7.38	6.74	6.28	6.22	5.99	34.0	5.29	14.0	13.7	13.4	14.2	6.82	9
10	7.43	6.61	6.32	5.95	6.01	33.9	5.36	13.6	13.7	13.8	13.8	6.97	10
11	7.24	6.41	6.31	5.99	5.91	33.8	5.33	13.4	14.0	13.6	13.9	6.86	11
12	7.25	6.68	6.33	6.25	5.67	33.5	5.55	13.3	14.1	13.5	14.2	6.85	12
13	7.22	6.79	6.47	5.93	5.63	21.4	5.22	13.2	13.9	13.6	14.1	6.74	13
14	7.18	6.87	6.44	5.74	5.68	5.87	5.05	13.7	14.2	13.4	13.8	6.87	14
15	7.36	6.94	6.33	5.66	5.79	5.78	5.16	13.8	13.8	13.4	13.8	7.01	15
16	7.36	6.84	6.36	5.72	5.92	5.73	5.19	13.6	13.9	13.5	13.9	6.98	16
17	7.34	6.93	6.33	5.81	5.65	5.53	5.31	13.7	13.5	13.6	13.5	7.00	17
18	7.41	6.87	6.28	5.75	5.73	5.43	5.18	13.9	13.5	13.3	13.5	7.02A	18
19	7.42	7.02	6.20	5.91	5.61	5.50	5.19	13.7	13.5	13.6	13.5	6.90A	19
20	7.29	6.93	6.16	5.95	5.94	6.33	5.14	13.9	13.6	13.5	13.2	6.80E	20
21	6.93	6.60	6.13	5.93	5.78	15.6	5.28	13.9	13.6	13.4	13.3	6.65E	21
22	7.20	6.44	6.14	5.76	6.00	32.4	5.15	14.4	13.8	13.0	13.8	6.55E	22
23	7.34	6.17	6.12	5.87	5.91	32.7	8.23	14.5	13.4	13.0	13.6	6.60E	23
24	7.44	6.40	6.45	6.07	5.67	32.7	10.8	14.0	13.3	13.2	13.2	6.65E	24
25	7.28	6.30	6.49	6.00	5.64	21.0	10.8	13.7	13.9	13.6	13.6	6.60E	25
26	7.20	6.35	6.42	6.02	5.59	5.53	11.4	13.6	14.1	14.0	13.6	6.40E	26
27	7.14	6.50	6.42	6.32	5.67	5.37	11.8	13.8	13.9	13.5	13.2	6.20E	27
28	6.84	6.43	6.59	6.52	5.62	5.35	12.0	13.8	13.7	13.6	13.2	6.10E	28
29	7.39		6.31	5.99	5.61	5.38	12.1	14.0	13.8	13.8	13.3	6.20E	29
30	7.11		6.46	5.83	5.53	5.39	12.1	14.4	14.1	13.4	13.2	6.35E	30
31	6.95		6.05		5.34		12.8	13.8		13.8		6.40E	31
TOTAL	224.52	187.89	198.13	181.02	177.65	498.63	218.29	429.8	411.7	419.1	409.9	242.24	TOTAL
MEAN	7.24	6.71	6.39	6.03	5.73	16.6	7.04	13.9	13.7	13.5	13.7	7.81	MEAN
MAX	7.44	7.09	6.90	6.52	6.01	34.4	12.8	14.5	14.2	14.0	14.2	13.2	MAX
MIN	6.84	6.17	6.05	5.66	5.34	5.05	5.05	13.2	13.3	13.0	13.2	6.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.86
MAXIMUM DAILY, 34.4 ON JUN 06
MINIMUM DAILY, 5.05 ON JUN 03
MAXIMUM INSTANTANEOUS,
35.3 AT 12:27 PST ON JUN 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 20 N
LONG 121 58 10 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 400	JUL	18 900
FEB	16 200	AUG	37 100
MAR	17 100	SEP	35 600
APR	15 600	OCT	36 200
MAY	15 300	NOV	35 400
JUN	43 100	DEC	20 900

TOTAL DISCHARGE, 311 000 dam³

SEYMOUR RIVER NEAR NORTH VANCOUVER - STATION NO. 08GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.19	4.79	5.42	17.0	9.83	16.4	5.26	1.58	2.52	0.968	9.62	7.40	1
2	3.79	8.23	5.28	20.0	11.0	10.7	3.46	1.51	2.01	0.935	6.06	6.31	2
3	4.11	27.1	5.56	18.0	4.67	55.9	3.32	1.60	1.82	1.64	5.34	30.1	3
4	8.52	19.2	8.17	15.5	5.95	51.0	2.77	1.54	1.70	20.4	6.28	57.1	4
5	25.0	21.6	9.03	15.7	7.09	25.6	2.59	1.44	1.68	6.81	9.01	30.2	5
6	16.1	12.5	23.3	16.9	5.75	24.2	2.94	1.46	1.57	3.64	9.83	18.9	6
7	45.9	8.01	41.0	18.7	4.92	25.3	4.21	1.50	1.56	2.69	9.10	13.2	7
8	34.4	5.50	28.5	18.8	3.76	24.4	3.62	1.46	1.56	2.22	6.40	29.3	8
9	29.2	7.90	17.3	14.5	3.74	33.9	2.66	1.42	1.54	7.42	82.3	34.1	9
10	20.5	34.4	21.5	10.8	4.17	50.4	2.52	1.45	1.48	6.40	214	24.0	10
11	10.3	51.3	12.1	10.2	5.23	39.6	2.44	1.46	1.48	4.21	259	17.8	11
12	7.68	24.2	7.58	17.9	9.50	23.8	2.39	1.48	1.47	6.03	95.4	14.3	12
13	10.3	11.1	6.70	16.1	11.8	16.6	2.29	1.47	1.50	4.32	129	6.40	13
14	15.2	7.15B	9.49	13.3	10.8	15.8	2.19	1.42	1.48	3.37	51.4	6.59	14
15	10.8	3.88B	8.77	16.4	8.82	16.9	2.10	1.42	1.54	2.97	32.1	6.83	15
16	8.95	2.91B	8.49	26.7	7.65	14.9	2.04	1.45	2.49	2.44	46.5	6.60	16
17	6.64	2.57B	10.6	36.8	7.26	10.7	1.97	1.41	2.03	2.49	73.5	8.17	17
18	4.83	2.23B	12.3	29.0	7.07	9.08	1.91	1.43	1.70	5.45	26.0	8.12	18
19	3.94	2.41B	16.2	20.0	7.14	8.77	1.88	1.40	1.25	3.86	15.9	5.91	19
20	3.46	2.60B	20.4	25.2	10.9	8.53	1.83	1.41	1.13	3.13	11.8	4.20B	20
21	3.92	2.82B	19.9	21.8	22.8	8.51	1.79	1.39	1.08	11.3	9.97	3.82B	21
22	10.2	3.06B	15.7	17.2	59.5	10.3	1.76	1.37	0.995	6.28	24.4	3.36B	22
23	7.97	3.56B	12.0	24.6	23.0	10.6	1.72	1.37	0.979	4.80	307	2.97B	23
24	7.46	4.83	7.70	26.5	12.1	7.96	1.71	1.42	0.991	9.53	106	2.69B	24
25	13.5	5.69	7.15	22.2	8.24	5.79	1.72	1.49	0.985	30.1	46.8	2.49B	25
26	7.97	5.23	6.82	17.9	6.92	4.41	1.67	1.47	0.987	38.8	49.4	2.32B	26
27	6.59	4.91	5.70	13.6	8.02	3.15	1.69	1.41	0.953	16.3	53.9	2.11B	27
28	9.13	5.04	4.26	10.9	13.9	3.18	1.67	1.39	0.946	27.4	30.1	1.88B	28
29	7.97		4.93	8.54	14.0	4.15	1.64	1.47	0.915	24.2	27.8	2.03B	29
30	5.99		7.05	7.65	11.0	4.67	1.62	2.76	0.924	48.5	9.98	2.41B	30
31	4.87		13.9		14.3		1.62	4.82		19.5		2.50B	31
TOTAL	360.38	294.72	382.80	548.39	309.23	554.90	73.00	49.77	43.265	328.103	1 763.89	364.31	TOTAL
MEAN	11.6	10.5	12.3	18.3	9.98	18.5	2.35	1.61	1.44	10.6	58.8	11.8	MEAN
MAX	45.9	51.3	41.0	36.8	59.5	55.9	5.26	4.82	2.52	48.5	307	57.1	MAX
MIN	3.46	2.23	4.26	7.65	3.74	3.15	1.62	1.37	0.915	0.935	5.34	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.9
MAXIMUM DAILY, 307 ON NOV 23
MINIMUM DAILY, 0.915 ON SEP 29
MAXIMUM INSTANTANEOUS,
583 AT 18:48 PST ON NOV 23

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 32 N
LONG 123 00 05 W
DRAINAGE AREA, 176 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 100	JUL	6 310
FEB	25 500	AUG	4 300
MAR	33 100	SEP	3 740
APR	47 400	OCT	28 300
MAY	26 700	NOV	152 000
JUN	47 900	DEC	31 500

TOTAL DISCHARGE, 438 000 dam³

SEYMOUR RIVER NEAR SEYMOUR ARM - STATION NO. 08LE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.50	6.70B	5.60B	27.3	35.5	124	119	42.3	46.0	7.95	13.3	18.0 B	1
2	8.48	6.90B	5.50B	41.7	37.8	133	114	39.5	29.5	7.92	12.4	16.5 B	2
3	8.06	6.90B	5.45B	51.9	42.3	129	145	31.9	22.3	7.76	11.7	16.2 E	3
4	7.90	6.70B	5.60B	45.5	59.2	140	115	29.2	18.3	19.8	12.0	16.1 E	4
5	7.70B	6.60B	5.70B	41.3	95.5	115	100	30.4	16.4	42.4	11.8	16.0 E	5
6	7.60B	6.55B	5.95B	41.8	131	91.4	144	33.3	15.6	19.3	10.8	15.7 E	6
7	7.80B	6.40B	6.24B	44.6	89.6	113	154	32.8	15.5	13.7	10.8	15.1 E	7
8	7.85B	6.25B	8.40B	45.3	61.7	119	121	28.4	15.7	12.3	10.7	14.6 E	8
9	7.70B	6.60B	8.20B	43.5	50.7	104	114	27.1	15.6	15.0	10.6	13.9 E	9
10	7.90B	6.80B	8.10B	35.9	47.2	131	113	26.9	14.7	24.0	17.8	14.2 E	10
11	7.55B	6.85B	7.85B	31.9	53.0	180	117	28.0	14.4	16.7	82.4	14.1 E	11
12	7.60B	6.75B	7.65B	29.8	60.2	228	127	28.4	14.2	16.5	101	13.8 E	12
13	7.65B	6.10B	7.50B	31.1	55.7	153	125	28.0	12.5	18.1	88.4	13.5 E	13
14	7.40B	6.20B	7.40B	34.4	51.9	115	105	29.8	11.6	16.6	81.5A	12.9 E	14
15	7.20B	6.35B	7.35B	41.2	54.1	114	80.7	29.0	12.2	14.1	63.0E	12.5 E	15
16	6.80B	5.80B	7.60B	46.4	56.3	126	78.6	25.4	13.5	12.5	54.0E	12.2 E	16
17	6.50B	5.30B	8.62	54.3	59.8	130	72.9	22.5	22.7	11.5	42.0E	12.3 B	17
18	6.40B	5.40B	10.6	58.5	63.1	145	61.8	20.4	16.3	11.3	38.0E	11.7 B	18
19	6.50B	5.80B	11.6	65.8	65.2	157	53.6	18.0	13.1	11.8	35.0E	11.0 B	19
20	6.70B	6.20B	16.4	92.0	69.2	169	50.8	18.8	11.7	10.6	32.0E	8.50B	20
21	7.10B	6.40B	21.5	101	69.7	160	48.3	21.8	10.9	11.2	28.0E	6.40B	21
22	7.50B	6.45B	21.0	94.4	69.7	162	47.3	33.9	11.7	12.2	25.0E	6.50B	22
23	7.40B	6.40B	17.8	84.4	85.1	186	48.2	48.0	12.2	11.8	25.5E	6.80B	23
24	7.30B	6.35B	15.7	112	106	186	50.1	31.2	12.9	11.4	27.0E	6.90B	24
25	7.25B	6.25B	14.4	91.0	123	161	49.1	21.5	12.6	12.2	25.2B	6.95B	25
26	7.25B	6.10B	13.5	67.8	106	143	49.8	22.8	11.7	17.4	24.0B	7.00B	26
27	7.30B	5.90B	13.1	56.0	92.3	132	48.5	18.3	10.2	16.6	22.0B	6.95B	27
28	7.35B	5.80B	12.8	47.2	111	117	41.3	15.2	9.30	16.4	20.5B	6.40B	28
29	7.20B		12.8	39.8	145	109	37.3	14.4	8.94	16.5	19.5B	6.45B	29
30	6.90B		14.0	36.2	167	120	40.6	51.4	8.42	16.1	19.0B	6.40B	30
31	6.60B		19.0		132		40.7	84.7		15.4		6.35B	31
TOTAL	228.94	176.80	334.91	1 634.0	2 445.8	4 192.4	2 612.6	933.3	459.66	467.03	974.9	351.80	TOTAL
MEAN	7.39	6.31	10.8	54.5	78.9	140	84.3	30.1	15.3	15.1	32.5	11.3	MEAN
MAX	8.50	6.90	21.5	112	167	228	154	84.7	46.0	42.4	101	18.0	MAX
MIN	6.40	5.30	5.45	27.3	35.5	91.4	37.3	14.4	8.42	7.76	10.6	6.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.6
MAXIMUM DAILY, 228 ON JUN 12
MINIMUM DAILY, 5.30B ON FEB 17
MAXIMUM INSTANTANEOUS,
254 AT 08:22 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 45 N
LONG 118 56 48 W
DRAINAGE AREA, 805 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 800	JUL	226 000
FEB	15 300	AUG	80 600
MAR	28 900	SEP	39 700
APR	141 000	OCT	40 400
MAY	211 000	NOV	84 200
JUN	362 000	DEC	30 400

TOTAL DISCHARGE, 1 280 000 dam³

SHATFORD CREEK NEAR PENTICTON - STATION NO. 08NM037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.094	0.066B	0.066	0.105	0.475	3.30	1.44	0.262	0.181	0.060	0.093	0.103	1
2	0.078	0.072B	0.066	0.152	0.528	3.14	1.47	0.224	0.157	0.063	0.066	0.100	2
3	0.092	0.078	0.068	0.152	0.639	3.24	1.33	0.208	0.143	0.072	0.087	0.107	3
4	0.086	0.075	0.065	0.153	0.873	3.21	1.15	0.193	0.125	0.109	0.096	0.127	4
5	0.084	0.074	0.066	0.160	1.23	2.51	1.08	0.177	0.119	0.106	0.092	0.123	5
6	0.083	0.073	0.062	0.168	1.35	2.22	1.88	0.166	0.111	0.094	0.064	0.118	6
7	0.088	0.072	0.073	0.187	0.927	5.89	1.50	0.155	0.107	0.084	0.094	0.115	7
8	0.088	0.076	0.071	0.212	0.804	5.20	1.20	0.148	0.097	0.078	0.088	0.115	8
9	0.090	0.068	0.065	0.188	0.747	4.23	1.02	0.142	0.099	0.082	0.173	0.116	9
10	0.086	0.072	0.064	0.154	0.804	6.19	0.909	0.129	0.092	0.087	0.379	0.120	10
11	0.062	0.072	0.064	0.160	1.23	4.56	0.829	0.146	0.089	0.082	0.316	0.114	11
12	0.091	0.070	0.065	0.166	1.13	4.28	0.797	0.141	0.089	0.079	0.238	0.108	12
13	0.090	0.054B	0.063	0.181	0.980	3.86	0.741	0.124	0.091	0.082	0.201	0.087	13
14	0.080	0.057B	0.060	0.205	0.984	3.76	0.672	0.115	0.081	0.079	0.166	0.107	14
15	0.082	0.058	0.065	0.246	1.00	3.27	0.602	0.114	0.078	0.085	0.147	0.112	15
16	0.077	0.059	0.070	0.307	0.986	3.40	0.555	0.110	0.092	0.084	0.143	0.093	16
17	0.067	0.067	0.078	0.368	1.02	2.95	0.512	0.109	0.111	0.078	0.132	0.103	17
18	0.059	0.064	0.077	0.409	1.01	2.97	0.481	0.164	0.096	0.085	0.097	0.105	18
19	0.074	0.045	0.075	0.454	1.00	2.97	0.452	0.161	0.084	0.080	0.119	0.080B	19
20	0.070	0.043	0.075	0.524	1.10	3.06	0.424	0.141	0.078	0.083	0.114	0.068B	20
21	0.080	0.049	0.073	0.599	1.08	2.81	0.384	0.166	0.068	0.091	0.107	0.056B	21
22	0.077	0.063	0.073	0.645	1.17	2.82	0.373	0.315	0.067	0.088	0.124	0.058B	22
23	0.078	0.073	0.067	0.637	1.92	2.83	0.374	0.192	0.064	0.087	0.126	0.061B	23
24	0.076	0.071	0.059	0.674	1.75	2.61	0.383	0.153	0.065	0.090	0.247	0.064B	24
25	0.074	0.048	0.067	0.570	1.54	2.28	0.389	0.249	0.063	0.090	0.208	0.067B	25
26	0.072	0.053	0.067	0.504	1.76	2.16	0.414	0.281	0.060	0.098	0.097	0.070B	26
27	0.074	0.052	0.067	0.485	1.91	1.92	0.347	0.218	0.063	0.095	0.121	0.074B	27
28	0.071	0.056	0.068	0.465	2.63	1.82	0.301	0.180	0.064	0.095	0.110	0.064B	28
29	0.069		0.070	0.436	4.08	1.72	0.291	0.154	0.064	0.090	0.119	0.052B	29
30	0.070		0.074	0.437	3.13	1.57	0.265	0.258	0.060	0.090	0.103	0.059B	30
31	0.060B		0.092		3.12		0.307	0.217		0.092		0.067B	31
TOTAL	2.422	1.780	2.135	10.082	43.107	88.75	22.872	5.512	2.758	2.658	4.267	2.813	TOTAL
MEAN	0.078	0.064	0.069	0.336	1.39	2.96	0.738	0.178	0.092	0.086	0.142	0.091	MEAN
MAX	0.094	0.078	0.092	0.674	4.08	6.19	1.88	0.315	0.181	0.109	0.379	0.127	MAX
MIN	0.059	0.043	0.059	0.105	0.475	1.57	0.265	0.109	0.060	0.060	0.064	0.052	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.518
MAXIMUM DAILY, 6.19 ON JUN 10
MINIMUM DAILY, 0.043 ON FEB 20
MAXIMUM INSTANTANEOUS,
9.64 AT 10:05 PST ON JUN 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 42 N
LONG 119 45 00 W
DRAINAGE AREA, 101 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	209	JUL	1 980
FEB	154	AUG	476
MAR	184	SEP	238
APR	871	OCT	230
MAY	3 720	NOV	369
JUN	7 670	DEC	243

TOTAL DISCHARGE, 16 300 dam³

SHAWNIGAN CREEK NEAR MILL BAY - STATION NO. 08HA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.41	8.01	4.42	1.76	0.282	0.214	0.263	0.014	0.023	0.016	1.40	3.54	1
2	1.34	8.06	4.23	1.63	0.273	0.235	0.235	0.014	0.020	0.016	1.39	10.2	2
3	1.60	8.25	4.23	1.58	0.282	0.417	0.235	0.014	0.013	0.016	1.58	14.8	3
4	1.99	6.79	4.03	1.53	0.273	0.350	0.356	0.013	0.010	0.019	1.58	17.9	4
5	2.23	13.3	3.54	1.41	0.273	0.383	0.350	0.014	0.010	0.021	1.58	16.6	5
6	2.88	12.2	3.47	1.36	0.259	0.417	0.363	0.016	0.009	0.031	1.81	14.8	6
7	5.15	11.9	4.03	1.28	0.235	0.997	0.363	0.015	0.010	0.026	2.14	23.0	7
8	5.21	13.7	4.23	1.21	0.235	0.988	0.282	0.015	0.014	0.023	3.09	12.7	8
9	5.73	9.57	4.81	1.18	0.249	0.942	0.282	0.017	0.010	0.022	3.13	12.5	9
10	6.02	9.57	4.91	1.03	0.227	1.02	0.822	0.017	0.010	0.020	3.74	9.70	10
11	6.20	9.70	4.91	0.988	0.231	0.970	0.804	0.018	0.010	0.039	4.23	2.81	11
12	6.30	10.2	4.81	0.758	0.206	0.988	0.740	0.011	0.012	0.062	4.81	10.5	12
13	6.67	10.2	4.72	0.758	0.194	0.905	0.712	0.012	0.012	0.056	7.85	24.4	13
14	6.20	9.44	4.76	0.804	0.187	0.887	0.638	0.011	0.012	0.061	7.80	24.8	14
15	5.78E	8.51	4.54	0.606	0.198	0.878	0.552	0.010	0.012	0.114	7.85	11.6	15
16	5.34	7.64	4.46	0.573	0.210	0.878	0.498	0.010	0.022	0.094	7.83	8.04	16
17	4.93	7.50	4.17	0.282	0.198	0.822	0.485	0.010	0.022	0.110	7.38	6.21	17
18	4.76	5.01	3.91	0.259	0.190	0.850	0.437	0.010	0.021	0.133	7.26	6.67	18
19	4.58	6.25	3.72	0.259	0.190	0.712	0.316	0.011	0.017	0.224	6.79	5.97	19
20	4.21	5.85	3.74	0.240	0.187	0.684	0.258	0.016	0.017	0.252	6.67	5.40	20
21	4.36	5.40	3.23	0.227	0.183	0.559	0.043	0.016	0.015	0.253	6.46	4.91	21
22	4.23	6.53	2.91	0.235	0.183	0.437	0.022	0.016	0.014	0.421E	6.20	4.81	22
23	3.91	7.26	2.75	0.431	0.183	0.268	0.022	0.011	0.012	0.725	9.84	4.52	23
24	4.70	5.01	2.63	0.471	0.180	0.202	0.019	0.011	0.012	1.00	23.0	4.43	24
25	5.57	4.91	2.53	0.451	0.180	0.180	0.018	0.011	0.011	1.05	23.0	3.74	25
26	5.74	4.72	2.47	0.336	0.158	0.172	0.017	0.010	0.016	2.08 E	23.0	3.47	26
27	6.21	4.72	2.42	0.336	0.165	0.172	0.016	0.009	0.015	1.90 E	12.7	3.39	27
28	6.79	4.52	2.11	0.316	0.165	0.194	0.014	0.008	0.015	1.22	10.5	2.96	28
29	7.73		1.95	0.316	0.158	0.268	0.013	0.008	0.015	1.35	10.5	2.81	29
30	7.88		1.83	0.282	0.158	0.268	0.011	0.010	0.012	1.46	3.54	2.81	30
31	7.88		1.78		0.169		0.011	0.026		1.40		2.74	31
TOTAL	153.53	224.72	112.25	22.898	6.461	17.257	9.197	0.404	0.423	14.214	218.65	202.53	TOTAL
MEAN	4.95	8.03	3.62	0.763	0.208	0.575	0.297	0.013	0.014	0.459	7.29	9.11	MEAN
MAX	7.88	13.7	4.91	1.76	0.282	1.02	0.822	0.026	0.023	2.08	23.0	24.8	MAX
MIN	1.34	4.52	1.78	0.227	0.158	0.172	0.011	0.008	0.009	0.016	1.39	2.74	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.91
MAXIMUM DAILY, 24.8 ON DEC 14
MINIMUM DAILY, 0.008 ON AUG 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 29 N
LONG 123 34 08 W
DRAINAGE AREA, 91.9 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	795
FEB	19 400	AUG	34.9
MAR	9 700	SEP	36.5
APR	1 980	OCT	1 230
MAY	558	NOV	18 900
JUN	1 490	DEC	24 400

TOTAL DISCHARGE, 91 800 dam³

SHAWNIGAN LAKE OPPOSITE MEMORY ISLAND - STATION NO. 08HA032

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.482	---	---	0.640	---	0.695	0.567	0.326	---	---	0.259	1.649	1
2	0.482	---	---	---	---	0.701	0.567	0.320	---	0.146	---	---	2
3	---	1.475	---	---	---	0.716	0.558	0.317	---	---	---	---	3
4	---	1.518	---	---	---	0.725	0.552	0.311	---	---	0.283	2.047	4
5	---	1.561	---	---	---	---	0.546	0.308	---	0.177	---	2.158	5
6	---	---	---	---	---	---	0.536	0.302	---	---	---	---	6
7	---	---	---	0.558	---	---	0.533	0.296	---	---	0.293	---	7
8	0.963	---	---	---	---	---	0.527	0.290	---	---	0.296	---	8
9	---	---	---	---	0.658	---	---	0.283	---	---	0.430	1.838	9
10	---	---	---	0.521	---	---	0.509	0.280	---	---	---	---	10
11	---	---	---	---	---	0.704	0.494	0.274	---	---	0.847	1.786	11
12	---	---	---	---	---	---	0.485	0.271	0.189	---	0.927	---	12
13	1.052	---	---	---	---	0.698	0.469	0.265	---	---	1.113	---	13
14	1.036	---	0.948	0.512	---	---	0.457	0.259	0.186	---	1.289	---	14
15	---	---	---	---	---	0.677	0.445	0.253	0.183	0.186	1.317	1.448	15
16	---	---	---	---	---	0.668	0.433	0.247	0.186	---	1.305	1.384	16
17	---	---	---	0.518	---	0.658	0.418	---	---	---	1.277	1.320	17
18	---	---	---	---	---	0.649	0.405	---	---	---	1.238	---	18
19	---	---	---	---	---	0.634	0.396	---	0.183	---	1.198	1.204	19
20	---	---	0.832	---	---	0.628	0.387	---	0.180	---	1.137	1.164	20
21	---	---	0.808	---	---	0.619	0.384	---	0.174	---	1.106	---	21
22	---	1.039	0.796	---	---	0.610	0.381	---	0.174	---	1.131	---	22
23	---	---	0.786	---	---	0.604	0.369	---	0.171	---	1.468	1.015	23
24	0.896	---	0.771	---	---	0.594	0.363	---	0.168	---	1.870	0.969	24
25	---	0.981	0.750	---	---	0.591	0.363	---	0.165	---	1.917	0.930	25
26	---	---	---	---	---	0.585	0.357	---	0.162	---	1.860	0.893	26
27	---	---	---	---	---	---	0.354	---	---	---	---	0.853	27
28	---	---	0.698	---	---	0.579	0.347	---	---	---	1.689	---	28
29	1.256		---	---	---	0.576	0.344	---	---	0.226	1.676	0.792	29
30	---		0.668	---	0.686	0.567	0.338	---	---	0.247	---	0.774	30
31	---		---		---		0.335	---		0.253		0.750	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 36 32 N
LONG 123 38 25 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1983

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SHERIDAN CREEK ABOVE MCLEESE LAKE - STATION NO. 08MC045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.546	---	---	---	---	---	---	---	1
2	---	---	---	---	0.556	---	---	---	---	---	---	---	2
3	---	---	---	2.70	0.561	---	---	---	---	---	---	---	3
4	---	---	---	2.60	0.498	---	---	---	---	---	---	---	4
5	---	---	---	2.82	0.462	---	---	---	---	---	---	---	5
6	---	---	---	3.35	0.422	---	---	---	---	---	---	---	6
7	---	---	---	3.54	0.377	---	---	---	---	---	---	---	7
8	---	---	---	3.38	0.345	---	---	---	---	---	---	---	8
9	---	---	---	2.27	0.330	---	---	---	---	---	---	---	9
10	---	---	---	1.78	0.272	---	---	---	---	---	---	---	10
11	---	---	---	1.76	0.235	---	---	---	---	---	---	---	11
12	---	---	---	1.87	0.222	---	---	---	---	---	---	---	12
13	---	---	---	2.07	0.219	---	---	---	---	---	---	---	13
14	---	---	---	2.45	0.192	---	---	---	---	---	---	---	14
15	---	---	---	2.50	0.172	---	---	---	---	---	---	---	15
16	---	---	---	2.06	0.159	---	---	---	---	---	---	---	16
17	---	---	---	1.88	0.169	---	---	---	---	---	---	---	17
18	---	---	---	2.24	0.172	---	---	---	---	---	---	---	18
19	---	---	---	1.88	0.153	---	---	---	---	---	---	---	19
20	---	---	---	1.61	0.153	---	---	---	---	---	---	---	20
21	---	---	---	1.43	0.164	---	---	---	---	---	---	---	21
22	---	---	---	1.35	0.172	---	---	---	---	---	---	---	22
23	---	---	---	1.32	0.169	---	---	---	---	---	---	---	23
24	---	---	---	1.21	0.177	---	---	---	---	---	---	---	24
25	---	---	---	1.08	0.169	---	---	---	---	---	---	---	25
26	---	---	---	1.01	0.174	---	---	---	---	---	---	---	26
27	---	---	---	0.927	0.174	---	---	---	---	---	---	---	27
28	---	---	---	0.814	---	---	---	---	---	---	---	---	28
29	---	---	---	0.726	---	---	---	---	---	---	---	---	29
30	---		---	0.637	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 45 N
LONG 122 17 00 W
DRAINAGE AREA, 80.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SHUSWAP LAKE AT CANOE - STATION NO. 08LE109

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	345.314	345.136	345.015	345.159	346.444	347.667	348.861	347.180	345.991	345.398	345.230	345.315	1
2	345.309	345.124	345.010	345.187	346.454	347.733	348.835	347.116	345.976	345.377	345.217	345.322	2
3	345.304	345.115	345.007	345.231	346.469	347.801	348.818	347.045	345.957	345.358	345.214	345.322	3
4	345.299	345.114	345.005	345.275	346.490	347.887	348.794	346.984	345.932	345.356	345.213	345.331	4
5	345.290	345.107	345.000	345.310	346.527	347.966	348.755	346.916	345.902	345.359	345.207	345.340	5
6	345.281	345.102	344.994	345.350	346.605	348.010	348.745	346.857	345.878	345.349	345.200	345.352	6
7	345.279	345.095	345.000	345.389	346.676	348.053	348.750	346.801	345.856	345.340	345.205	345.366	7
8	345.277	345.093	345.004	345.431	346.717	348.100	348.735	346.748	345.835	345.336	345.200	345.373	8
9	345.274	345.096	345.008	345.472	346.745	348.135	348.702	346.696	345.815	345.326	345.217	345.379	9
10	345.269	345.095	345.016	345.505	346.769	348.173	348.663	346.640	345.794	345.323	345.236	345.378	10
11	345.261	345.090	345.020	345.533	346.794	348.254	348.619	346.589	345.770	345.315	345.270	345.383	11
12	345.251	345.090	345.019	345.561	346.821	348.375	348.575	346.543	345.746	345.317	345.331	345.388	12
13	345.246	345.080	345.016	345.581	346.846	348.499	348.548	346.502	345.725	345.315	345.378	345.385	13
14	345.242	345.070	345.017	345.608	346.868	348.586	348.503	346.465	345.703	345.308	345.383	345.378	14
15	345.236	345.060	345.015	345.632	346.881	348.642	348.446	346.426	345.679	345.301	345.381	345.373	15
16	345.225	345.060	345.016	345.663	346.887	348.686	348.388	346.380	345.660	345.293	345.369	345.376	16
17	345.219	345.059E	345.015	345.699	346.892	348.725	348.324	346.337	345.644	345.290	345.352	345.378	17
18	345.210	345.052E	345.024	345.740	346.905	348.754	348.255	346.302	345.631	345.284	345.334	345.378	18
19	345.197	345.045E	345.032	345.791	346.923	348.791	348.184	346.259	345.614	345.275	345.323	345.381	19
20	345.185	345.041E	345.044	345.854	346.934	348.825	348.106	346.224	345.596	345.268	345.318	345.403A	20
21	345.180	345.036E	345.059	345.922E	346.953	348.855	348.024	346.195	345.576	345.266	345.311	345.367A	21
22	345.184	345.030E	345.079	346.000E	346.972	348.876	347.939	346.169	345.560	345.263	345.301	345.349A	22
23	345.181	345.023	345.089	346.076	347.005	348.903	347.863	346.154	345.536	345.256	345.289	345.337A	23
24	345.177	345.031	345.100	346.165	347.050	348.934	347.781	346.134	345.516	345.251	345.285	345.319A	24
25	345.168	345.033	345.108	346.250	347.116	348.950	347.700	346.108	345.509	345.245	345.283	345.311A	25
26	345.159	345.028	345.116	346.314	347.181	348.956	347.621	346.090	345.494	345.239	345.295	345.303A	26
27	345.154	345.025	345.121	346.361	347.238	348.951	347.542	346.059	345.477	345.236	345.299	345.301A	27
28	345.157	345.019	345.123	346.397	347.289	348.930	347.469	346.027	345.456	345.237	345.301	345.297A	28
29	345.156		345.130	346.421	347.367	348.907	347.388	345.996	345.435	345.235	345.304	345.289A	29
30	345.155		345.135	346.434	347.483E	348.881	347.317	345.988	345.418	345.235	345.309	345.277A	30
31	345.150		345.143		347.594E		347.251	345.990		345.233		345.273A	31
MEAN	345.226	345.070	345.048	345.744	346.900	348.494	348.242	346.449	345.689	345.296	345.285	345.346	MEAN
MAX	345.314	345.136	345.143	346.434	347.594	348.956	348.861	347.180	345.991	345.398	345.383	345.403	MAX
MIN	345.150	345.019	344.994	345.159	346.444	347.667	347.251	345.988	345.418	345.233	345.200	345.273	MIN

WATER LEVELS IN METRES

MEAN, 346.071
MAXIMUM DAILY, 348.956 ON JUN 26
MINIMUM DAILY, 344.994 ON MAR 06
MAXIMUM INSTANTANEOUS,
348.976 AT 17:45 PST ON JUN 27

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 17 N
LONG 119 13 43 W

A - MANUAL GAUGE
E - ESTIMATED

NATURAL FLOW

SHUSWAP RIVER AT OUTLET OF SUGAR LAKE RESERVOIR - STATION NO. 08LC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.0	20.0	31.4	17.1	67.3	114	177	29.0	24.7	23.8	16.9	17.8	1
2	18.9	22.3	30.9	21.4	65.5	116	175	39.5	24.7	22.3	17.0	17.8	2
3	18.9	28.2	30.6	26.5	64.3	118	162	47.3	24.8	21.3	16.9	17.9	3
4	18.9	28.1	30.2	29.1	64.0	120	133	55.6	24.7	21.2	16.9	17.8	4
5	18.8	28.0	30.0	34.1	66.4	121	101	51.8	24.6	21.1	16.9	17.9	5
6	18.8	31.2	25.8	37.3	73.4	122	117	50.3	24.6	21.1	16.8	18.1A	6
7	18.7	37.8	27.3	38.2	77.7	125	150	47.7	24.5	21.0	16.7	18.1E	7
8	18.7	37.4	27.0	41.4	79.9	125	149	33.3	24.2	20.8	16.6	18.0E	8
9	20.5	37.2	28.7	44.1	79.7	122	141	25.0	24.1	20.8	16.7	18.0E	9
10	21.9	36.9	28.4	44.9	78.7	123	128	25.2	24.0	20.8	16.7	18.0E	10
11	21.8	36.6	28.1	45.1	77.8	125	150	25.1	23.8	20.7	16.6	17.9E	11
12	21.8	36.4	27.8	44.2	77.2	129	169	25.9	23.7	20.5	16.9	17.9E	12
13	21.5	36.1	22.9	43.8	76.9	130	179	26.5	23.6	20.5	17.4	17.9E	13
14	21.6	35.8	21.0	43.2	76.4	130	165	27.1	23.4	20.6	17.7	17.8E	14
15	21.4	35.6	20.9	43.3	75.2	131	145	27.3	23.2	20.6	18.0	17.8E	15
16	21.3	35.3	20.8	43.8	74.2	132	127	27.7	23.1	20.5	18.2	17.8E	16
17	21.2	35.1	20.7	44.9	72.7	134	127	27.9	23.2	20.0	18.3	17.7E	17
18	21.2	34.9	20.3	46.0	71.9	136	119	27.8	23.1	17.3	18.5	17.7E	18
19	21.1	34.6	20.2	47.9	72.2	142	87.8	27.6	22.9	17.3	18.6	17.7E	19
20	21.0	34.2	20.1	52.8	72.5	155	49.7	27.1	22.7	17.3	18.7	17.6E	20
21	20.8	33.9	20.0	57.1	73.0	170	32.7	26.4	22.8	17.3	18.8	17.6E	21
22	20.8	33.6	17.7	60.9	73.8	175	27.7	26.4	22.7	17.1	18.9	17.6E	22
23	20.7	33.4	17.1	65.0	75.5	194	18.2	26.3	22.7	17.0	17.7	17.5E	23
24	20.6	33.0	17.0	70.1	78.8	218	15.2	26.4	20.9	17.1	17.6	17.5E	24
25	20.5	32.6	17.0	73.5	84.3	235	15.4	26.1	21.8	17.0	17.5	17.5E	25
26	20.5	32.3	16.9	75.5	89.0	226	15.9	25.8	23.4	16.9	17.6	17.4E	26
27	20.4	32.0	16.8	75.7	91.0	212	16.4	25.4	24.3	17.1	17.7	17.4E	27
28	20.3	31.8	16.9	74.3	92.9	198	16.9	25.3	24.2	17.0	17.7	17.4E	28
29	20.3		16.8	72.5	97.1	182	17.3	25.0	24.0	16.8	17.7	17.3E	29
30	20.1		16.9	69.9	106	174	17.7	24.9	23.9	16.8	17.8	17.3E	30
31	20.2		17.0		111		19.6	24.7		16.9		17.3E	31
TOTAL	632.2	924.3	698.2	1 483.6	2 436.3	4 528	2 964.5	957.4	708.3	596.5	526.0	549.0	TOTAL
MEAN	20.4	33.0	22.5	49.5	78.6	151	95.6	30.9	23.6	19.2	17.5	17.7	MEAN
MAX	21.9	37.8	31.4	75.7	111	235	179	55.6	24.8	23.8	18.9	18.1	MAX
MIN	18.7	20.0	16.8	17.1	64.0	114	15.2	24.7	20.9	16.8	16.6	17.3	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.6
MAXIMUM DAILY, 235 ON JUN 25
MINIMUM DAILY, 15.2 ON JUL 24
MAXIMUM INSTANTANEOUS,
238 AT 11:22 PST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 42 N
LONG 118 32 48 W
DRAINAGE AREA, 1 130 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 600	JUL	256 000
FEB	79 900	AUG	82 700
MAR	60 300	SEP	61 200
APR	128 000	OCT	51 500
MAY	210 000	NOV	45 400
JUN	391 000	DEC	47 400

TOTAL DISCHARGE, 1 470 000 dam³

SHUSWAP RIVER NEAR ENDERBY - STATION NO. 08LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.0	38.1B	46.7	60.6	157	295	389	88.9	51.1	35.0	35.5	55.3E	1
2	38.8	37.9B	46.3	71.3	156	305	380	83.6	50.5	34.3	35.5	54.3E	2
3	38.6	37.7	46.2	74.4	154	313	379	81.8	49.6	33.9	35.6	53.1	3
4	38.9	38.3	46.2	75.4	155	338	361	81.6	48.8	33.9	35.8	51.1	4
5	38.6	38.8	46.0	75.6	160	353	344	81.3	48.1	33.5	35.6	51.3	5
6	38.2	38.8	45.1	76.9	173	340	344	80.3	47.1	34.1	35.0	50.5	6
7	38.0	39.4	42.4	78.9	178	339	332	80.1	46.3	33.9	35.3	49.4	7
8	37.9	40.6	41.5	86.7	177	345	313	77.6	45.4	33.8	35.0	48.6	8
9	38.7	40.6	41.0	89.1	177	340	317	76.2	44.8	33.7	37.7	49.3	9
10	39.9	43.8	40.7	90.2	176	334	291	72.6	44.2	34.1	55.5	48.8	10
11	39.8	44.8	40.6	90.4	177	353	288	69.9	43.4	35.5	60.8	48.1	11
12	39.3	45.4	40.6	93.1	182	413	282	67.9	42.8	35.6	63.3	47.7E	12
13	39.3	46.0	48.1	94.3	181	450	291	65.4	42.1	36.0	68.1	47.2E	13
14	39.2	45.9	45.9	98.9	180	434	288	64.0	41.5	36.8	69.9	46.8E	14
15	38.7	45.7	46.7	101	179	424	280	61.7	40.9	36.5	69.5	46.3E	15
16	38.6	45.7	46.8	104	176	413	267	60.6	40.6	37.1	67.5	45.9E	16
17	38.3	45.7	47.7	106	174	410	254	59.0	40.3	36.8	67.0	45.4E	17
18	37.9	45.7	48.6	111	174	397	241	59.2	39.9	36.4	67.0	44.9	18
19	37.3	46.0	50.6	115	174	390	227	57.1	39.2	36.2	65.9	43.2	19
20	36.7	46.0	52.5	121	175	393	208	55.6	38.6	35.6	65.0	41.3	20
21	37.3	46.3	53.8	124	175	394	192	55.6	38.2	36.0	62.9	40.1	21
22	38.0	46.3	55.5	128	176	395	177	56.4	37.7	36.5	62.6	39.3	22
23	39.0	46.5	54.0	146	186	406	159	53.9	37.4	35.9	63.4	38.1	23
24	40.6	46.8	52.6	154	199	410	138	52.7	36.8	35.6	65.0	37.8	24
25	38.9	47.1	51.3	164	211	416	136	52.2	36.5	35.3	64.3	37.3	25
26	38.9	47.0	51.0	167	221	422	122	52.3	36.2	35.8	63.4	36.4B	26
27	38.8	46.8	50.5	167	224	426	117	51.1	35.8	35.5	59.9	35.5B	27
28	38.8	46.8	50.0	166	228	420	109	50.5	35.4	35.6	59.2	34.7B	28
29	38.9		50.1	164	240	411	101	48.9	35.3	35.4	57.3	33.8B	29
30	38.6B		51.1	160	285	401	95.2	53.8	35.0	35.6	56.3E	32.9B	30
31	38.3B		55.4		287		90.9	51.3		35.9		32.0B	31
TOTAL	1 197.8	1 224.5	1 485.5	3 353.8	5 867	11 480	7 513.1	2 002.1	1 249.5	1 095.8	1 654.6	1 366.6	TOTAL
MEAN	38.6	43.7	47.9	112	189	383	242	64.6	41.7	35.3	55.2	44.1	MEAN
MAX	40.6	47.1	55.5	167	287	450	389	88.9	51.1	37.1	69.9	55.3	MAX
MIN	36.7	37.7	40.6	60.6	154	295	90.9	48.9	35.0	33.5	35.0	32.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 450 ON JUN 13
MINIMUM DAILY, 32.0B ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 45 N
LONG 119 00 47 W
DRAINAGE AREA, 4 690 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	103 000	JUL	649 000
FEB	106 000	AUG	173 000
MAR	128 000	SEP	108 000
APR	290 000	OCT	94 700
MAY	507 000	NOV	143 000
JUN	992 000	DEC	118 000

TOTAL DISCHARGE, 3 410 000 dam³

SHUSWAP RIVER NEAR LUMBY - STATION NO. 08LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.5	25.9	37.3	27.4	93.9	173	211	41.4	33.0	29.4	23.7	26.0	1
2	24.4	29.9	37.1	32.2	92.0	180	210	52.7	32.6	28.9	23.3	26.2	2
3	24.4	34.5	36.7	38.2	91.3	178	205	61.4	32.1	28.2	22.8	26.5	3
4	24.6	34.1	36.7	44.2	93.3	188	175	66.6	31.2	28.8	22.6	26.5	4
5	24.3	33.9	36.4	46.0	102	182	144	63.1	30.8	31.6	22.7	25.6	5
6	24.1	37.1	34.8	52.2	116	173	157	61.4	31.0	28.3	22.4	26.6	6
7	24.0	42.8	28.0	55.5	117	177	185	53.9	29.9	27.7	22.9	26.2	7
8	24.0	43.0	30.6	59.7	114	173	183	41.1	29.7	27.7	23.0	25.5	8
9	25.9	43.1	34.9	61.8	111	168	174	36.0	30.2	28.1	24.6	26.3	9
10	27.0	43.0	35.0	63.6	110	174	162	35.3	29.4	29.0	41.3	25.4	10
11	26.8	42.1	34.3	64.0	109	189	174	35.1	29.8	28.7	42.8	25.6	11
12	26.8	42.2	33.5	64.3	109	218	193	36.5	29.5	28.2	39.4	25.4	12
13	27.3	41.4	31.9	63.4	109	218	198	35.5	29.2	27.4	38.5	23.3	13
14	26.7	41.8	26.8	63.5	107	212	188	35.6	29.9	27.3	38.6	22.9	14
15	26.5	41.2	26.2	65.9	105	204	167	35.8	28.7	27.2	35.1	23.2	15
16	26.4	41.3	26.3	66.7	103	198	150	36.0	28.9	26.1	32.4	22.8	16
17	26.5	40.4	26.0	69.6	101	195	146	36.6	28.9	24.4	30.7	24.0	17
18	26.2	40.1B	26.1	72.1	104	194	141	37.7	28.7	23.9	30.1	22.4	18
19	25.2	40.0B	27.0	75.7	104	199	117	36.8	28.9	24.0	29.8	22.0B	19
20	25.1	39.9	27.9	81.9	103	213	81.2	34.8	28.8	23.3	29.6	21.9B	20
21	26.0	39.3	28.2	89.7	105	224	57.8	34.5	28.4	23.1	28.3	21.8B	21
22	26.7	39.6	27.5	97.7	105	230	46.0	34.5	27.8	23.4	28.6	21.8B	22
23	26.7	39.3	24.8	104	116	241	40.8	34.4	27.9	23.0	28.2	21.7B	23
24	26.8	39.0	23.7	110	124	271	32.0	34.1	27.6	23.1	28.6	21.7B	24
25	26.4	38.9	23.7	109	130	283	32.0	34.6	26.5	23.2	27.8	21.7B	25
26	26.3	38.0	23.1	107	134	271	33.0	33.7	28.3	23.7	26.8	21.6B	26
27	25.7	37.3	23.6	104	135	254	31.9	32.5	29.2	23.7	27.2	21.6B	27
28	25.9	37.3	23.6	102	140	234	30.9	32.6	30.6	23.2	26.9	21.5B	28
29	25.6		23.5	99.9	155	221	30.6	32.3	30.3	22.9	27.5	21.5B	29
30	25.3		23.7	96.8	174	210	30.3	33.9	29.9	23.5	26.3	21.4B	30
31	24.6		24.7		172		32.3	34.5		24.2		21.4B	31
TOTAL	796.7	1 086.4	903.6	2 189.7	3 584.5	6 245	3 756.8	1 244.9	887.7	805.2	872.5	732.0	TOTAL
MEAN	25.7	38.8	29.1	73.0	116	208	121	40.2	29.6	26.0	29.1	23.6	MEAN
MAX	27.3	43.1	37.3	110	174	283	211	66.6	33.0	31.6	42.8	26.6	MAX
MIN	24.0	25.9	23.1	27.4	91.3	168	30.3	32.3	26.5	22.9	22.4	21.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.3
MAXIMUM DAILY, 283 ON JUN 25
MINIMUM DAILY, 21.4B ON DEC 30
MAXIMUM INSTANTANEOUS,
288 AT 11:10 PST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 12 N
LONG 118 49 00 W
DRAINAGE AREA, 2 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	68 800	JUL	325 000
FEB	93 900	AUG	108 000
MAR	78 100	SEP	76 700
APR	189 000	OCT	69 600
MAY	310 000	NOV	75 400
JUN	540 000	DEC	63 200

TOTAL DISCHARGE, 2 000 000 dam³

SIKANNI CHIEF RIVER NEAR FORT NELSON - STATION NO. 10CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.60B	5.00B	5.52B	6.28B	20.8	330 E	119	45.2E	23.5E	10.5	6.60B	5.60B	1
2	5.47B	5.02B	5.52B	6.24B	22.7	270 E	152	43.8E	23.4E	10.9	6.45B	6.10B	2
3	5.43B	5.04B	5.52B	6.19B	23.8	224 E	136	42.5E	23.3E	10.6	6.40B	6.63B	3
4	5.40B	5.09B	5.62B	6.08B	26.3	177 A	120	40.9E	22.7E	10.7	6.70B	7.00B	4
5	5.39B	5.16B	5.72B	6.04B	27.3	168	107	39.0E	21.8E	10.2	7.30B	7.45B	5
6	5.41B	5.10B	5.80B	6.03B	33.8	192	98.0	38.2E	20.9E	9.83	7.75B	7.70B	6
7	5.40B	5.09B	5.79B	6.02B	33.5	172	91.9	37.2E	20.2E	9.57	7.90B	7.92B	7
8	5.39B	5.02B	5.70B	6.01B	29.1	157	90.1	35.5E	19.9E	9.41	7.70B	7.90B	8
9	5.38B	4.99B	5.60B	6.00B	28.4	143	89.5	34.3E	19.2E	9.47	7.60B	7.70B	9
10	5.37B	4.98B	5.57B	5.97B	32.0	134	84.6	33.0E	18.4E	10.2	7.60B	7.30B	10
11	5.30B	4.97B	5.58B	5.98B	31.6	126	80.7	32.0E	17.7E	9.62	7.65B	7.20B	11
12	5.28B	4.98B	5.60B	6.00B	31.3	116	77.6	31.5E	17.4E	9.06	7.70B	7.30B	12
13	5.26B	5.00B	5.66B	6.05B	29.8	107	76.7	31.6E	17.0A	9.31	7.65B	7.25B	13
14	5.27B	5.02B	5.80B	6.17B	29.3	102	69.1	32.0E	16.1	9.19	7.70B	7.20B	14
15	5.28B	5.05B	5.83B	6.30B	29.1	102	63.1	35.0E	15.3	8.50	7.75B	7.15B	15
16	5.27B	5.10B	5.85B	6.52B	30.4	103	79.3	36.7E	15.1	7.68	7.80B	7.05B	16
17	5.20B	5.20B	5.83B	6.70B	38.0	94.8	104	36.1A	14.9	7.05B	7.75B	6.95B	17
18	5.15B	5.27B	5.80B	6.95B	45.3	87.2	94.4	34.7	14.2	7.56B	7.80B	6.80B	18
19	5.12B	5.33B	5.65B	7.20B	48.5	82.1	81.4	33.5	13.9	7.81B	7.60B	6.67B	19
20	5.10B	5.37B	5.62B	7.50B	48.7	78.1	74.2	32.9	13.4	7.68B	7.50B	6.58B	20
21	5.15B	5.36B	5.63B	7.83B	50.6	74.9	69.1	29.8E	13.0	8.00B	7.40B	6.70B	21
22	5.17B	5.34B	5.64B	8.15B	55.4	74.5	67.2	28.4E	12.1	7.98B	7.30B	6.80B	22
23	5.19B	5.32B	5.70B	8.60B	63.3	81.3	70.0	28.3E	11.9	7.79B	7.20B	6.40B	23
24	5.20B	5.40B	5.76B	9.10B	69.6	80.2	66.5	28.0E	12.0	8.00B	7.17B	6.50B	24
25	5.21B	5.45B	5.84B	9.95B	72.4	71.2	64.7	27.6E	11.6	8.05B	7.05B	6.63B	25
26	5.20B	5.52B	5.96B	10.5 B	102	65.5	61.0	26.7E	11.5	7.75B	7.00B	6.50B	26
27	5.17B	5.57B	6.10B	11.0 B	105	68.6	56.9	25.3E	11.3	7.59B	6.85B	6.30B	27
28	5.11B	5.56B	6.25B	11.9 B	109	72.3	53.6	24.9E	11.0	7.66B	6.30B	6.15B	28
29	5.08B		6.37B	12.5	119	70.1	50.3	24.7E	11.2	6.80B	5.70B	5.95B	29
30	5.04B		6.40B	15.4	143	75.2	48.2	24.6E	10.8	6.15B	5.48B	5.75B	30
31	5.02B		6.37B		443		47.5E	23.6E		6.30B		5.60B	31
TOTAL	163.01	145.30	179.61	231.16	1 972.0	3 689.0	2 543.6	1 018.5	484.7	266.91	216.35	210.73	TOTAL
MEAN	5.26	5.19	5.79	7.71	63.6	123	82.1	32.9	16.2	8.61	7.21	6.80	MEAN
MAX	5.60	5.57	6.40	15.4	443	330	152	45.2	23.5	10.9	7.90	7.92	MAX
MIN	5.02	4.97	5.50	5.97	20.8	65.5	47.5	23.6	10.8	6.15	5.48	5.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.5
MAXIMUM DAILY, 443 ON MAY 31
MINIMUM DAILY, 4.97B ON FEB 11
MAXIMUM INSTANTANEOUS,
627 AT 21:45 PST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 14 03 N
LONG 122 41 39 W
DRAINAGE AREA, 2 160 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 100	JUL	220 000
FEB	12 600	AUG	88 000
MAR	15 500	SEP	41 900
APR	20 000	OCT	23 100
MAY	170 000	NOV	18 700
JUN	319 000	DEC	18 200

TOTAL DISCHARGE, 961 000 dam³

SILVERDALE CREEK NEAR MISSION - STATION NO. 08MH091

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.502	1.15	0.759	0.421	0.487	0.577	0.206	0.116	1.10 E	0.142	0.600	1.43	1
2	0.444	1.59	0.703	0.402	0.475	0.309	0.322	0.116	0.300E	0.124	0.516	1.27	2
3	0.821	2.85	0.679	0.385	0.420	1.83	0.299	0.120A	0.134E	0.375	0.698	3.19	3
4	1.42	2.05	0.675	0.379	0.381	2.63	0.228	0.119E	0.126E	5.63	1.03	8.87	4
5	1.51	2.05	0.616	0.370	0.349	1.22	0.245	0.118E	0.121E	1.69	0.869	3.20	5
6	1.64	1.70	0.749	0.351	0.325	1.04	0.399	0.117E	0.114E	0.659	0.664	1.99	6
7	2.85	1.39	2.12	0.344	0.334	1.35	0.438	0.115E	0.111A	0.400	1.33	1.47	7
8	1.54	1.11	1.77	0.324	0.304	1.01	0.270	0.113E	0.110	0.308	1.14	4.47	8
9	2.83	4.36	1.90	0.316	0.276	0.974	0.221	0.111E	0.110	0.454	14.3 A	5.97	9
10	2.09	13.3	2.63	0.315	0.264	1.43	0.203	0.111E	0.110	0.489	13.4 E	3.17	10
11	1.36	10.8	1.53	0.321	0.312	1.62	0.186	0.110E	0.109	0.438	6.35 A	1.86	11
12	1.09	3.63	1.15	0.313	0.337	1.27	0.170	0.110E	0.108	0.766	3.74	1.41	12
13	1.14	1.97	1.05	0.318	0.370	1.10	0.160	0.109E	0.108	0.451	5.51	1.18	13
14	1.00	1.25 B	1.38	0.302	0.345	0.825	0.152	0.108E	0.108	0.381	2.54	1.10	14
15	0.888	1.00 B	1.11	0.279	0.284	0.652	0.148	0.106E	0.125	0.399	1.66	1.31	15
16	0.799	0.855B	0.978	0.277	0.272	0.587	0.138	0.110E	0.489	0.384	1.30	1.19	16
17	0.694	0.743B	0.925	0.346	0.273	0.510	0.131	0.114E	0.331	0.349	1.79	5.43	17
18	0.635	0.680B	1.36	0.288	0.395	0.450	0.137	0.124E	0.172	0.471	1.27	3.23	18
19	0.575	0.644B	1.07	0.320	0.319	0.440	0.136	0.129E	0.157	0.368	1.37	1.50 B	19
20	0.540	1.40 B	1.03	0.512	0.291	0.418	0.128	0.116E	0.136	0.313	1.38	1.32 B	20
21	0.742	1.38	0.892	0.353	0.336	0.373	0.123	0.115E	0.122	0.782	1.79	1.12 B	21
22	2.60	1.20	0.778	0.321	0.293	0.320	0.120	0.127E	0.118	0.630	2.62	1.01 B	22
23	1.93	1.08	0.703	0.482	0.301	0.284	0.120	0.133E	0.112	0.499	8.57	0.935B	23
24	2.07	1.43	0.638	0.612	0.334	0.267	0.131	0.123E	0.111	0.399	8.21	0.870B	24
25	2.38	1.32	0.586	0.812	0.299	0.248	0.123	0.117E	0.111	0.406	3.99	0.835B	25
26	1.69	1.10	0.550	1.17	0.266	0.243	0.150	0.120E	0.112	0.559	2.31	0.805B	26
27	1.72	0.930	0.515	0.901	0.266	0.232	0.145	0.118E	0.110	0.470	1.85	0.850B	27
28	3.34	0.848	0.488	0.975	0.280	0.233	0.133	0.113E	0.111	0.496	1.43	0.820B	28
29	2.65		0.470	0.699	0.241	0.221	0.122	0.120E	0.110	0.661	1.86	0.794B	29
30	1.83		0.449	0.541	0.226	0.217	0.114	0.230E	0.111	1.59	1.37	0.765B	30
31	1.41		0.433		0.547		0.113	1.30 E		0.834		0.758B	31
TOTAL	46.730	63.810	30.686	13.748	10.203	23.080	5.703	4.908	5.307	21.917	95.457	64.122	TOTAL
MEAN	1.51	2.28	0.990	0.458	0.329	0.769	0.184	0.158	0.177	0.707	3.18	2.07	MEAN
MAX	3.34	13.3	2.63	1.17	0.547	2.63	0.438	1.30	1.10	5.63	14.3	8.87	MAX
MIN	0.444	0.644	0.433	0.277	0.226	0.217	0.113	0.106	0.108	0.124	0.516	0.758	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 14.3A ON NOV 09
MINIMUM DAILY, 0.106E ON AUG 15
MAXIMUM INSTANTANEOUS, 25.5 ON NOV 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 54 N
LONG 122 20 14 W
DRAINAGE AREA, 17.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 040	JUL	493
FEB	5 510	AUG	424
MAR	2 650	SEP	459
APR	1 190	OCT	1 890
MAY	882	NOV	8 250
JUN	1 990	DEC	5 540

TOTAL DISCHARGE, 33 300 dam³

SIMILKAMEEN RIVER ABOVE GOODFELLOW CREEK - STATION NO. 08NL070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.38	1.90B	2.12B	4.75	12.5	30.0	20.6	3.98	3.60	1.11	6.50	10.8	1
2	3.01	2.05B	2.12B	6.26	13.0	25.9	18.9	3.64	2.93	1.15	5.94A	9.85	2
3	3.06	1.95B	2.19B	7.29	14.5	31.7	17.0	3.33	2.56	1.46	6.30E	9.35	3
4	3.19	1.75B	2.20B	7.70	17.1	31.6	15.8	3.28	2.33	16.3	6.70E	10.8	4
5	3.17	1.70B	2.12B	8.29	28.0	26.9	16.7	3.17	2.15	11.1	5.80E	9.77	5
6	3.57	1.80B	2.02B	9.34	38.8	26.6	20.4	3.02	2.01	6.41	5.90E	8.82	6
7	3.54	1.95B	1.95B	10.8	27.9	27.2	16.9	2.89	1.88	5.07	6.20E	8.16	7
8	3.35	2.05B	1.88B	11.7	22.0	25.0	15.1	2.69	1.82	4.29	13.0 E	8.39	8
9	3.11	2.15B	1.85B	10.6	19.2	24.6	14.8	2.42	1.75	4.49	32.0 E	8.65	9
10	3.01	2.30B	1.88B	9.66	18.5	32.3	14.0	2.36	1.62	6.11	55.0 E	7.95	10
11	2.67	1.85B	1.98B	9.98	20.4	26.9	14.2	2.50	1.55	4.69	36.0 E	7.49	11
12	3.54	1.60B	2.00B	11.2	20.2	22.5	15.2	2.74	1.48	4.39	25.2 E	6.64	12
13	3.68	1.48B	2.00B	11.4	19.4	20.8	13.7	2.45	1.39	4.08	26.5 E	6.20	13
14	3.22	1.25B	1.98B	12.1	18.3	21.6	11.8	2.27	1.45	3.82	27.7 A	6.37	14
15	2.93	1.00B	1.88B	14.7	17.5	26.8	10.6	2.07	1.47	3.79	22.2	6.75	15
16	2.80A	1.12B	1.79	17.9	17.7	33.6	9.96	1.93	2.35	3.98A	18.0	6.46	16
17	1.90B	1.20B	1.97	21.8	18.0	34.2	9.64	2.01	2.09	3.80E	15.9	6.26	17
18	1.40B	1.28B	2.18	22.9	17.2	35.2	7.98	1.93	1.81	3.65E	13.9	5.57	18
19	1.70B	1.35B	2.43	25.4	17.0	34.2	6.97	1.82	1.62	3.45E	13.0	3.83A	19
20	2.00B	1.39B	2.54	23.9	17.9	36.2	6.58	2.70	1.50	3.35E	11.7	3.20B	20
21	2.60B	1.72B	2.65	26.0	16.9	39.0	6.17	3.29	1.43	4.10A	10.8	2.60B	21
22	3.50B	2.50B	2.64	25.5	18.6	42.3	5.98	4.76	1.34	4.00	11.8	2.90B	22
23	2.80B	2.45B	2.60	24.5	19.3	45.4	6.05	3.33	1.29	3.57	20.2	3.20B	23
24	2.30B	2.40B	2.55	23.5	18.1	41.6	6.11	2.88	1.28	3.43	43.6	3.55B	24
25	1.98B	2.35B	2.44	20.2	16.9	35.7	5.84	3.70	1.24	6.67	26.1	3.95B	25
26	2.08B	2.30B	2.53	17.7	16.7	29.8	6.17	3.29	1.22	11.4	18.1	4.40B	26
27	2.15B	2.25B	2.57	16.1	18.5	25.7	5.62	2.71	1.16	8.24	15.5	4.80B	27
28	2.05B	2.20B	2.67	14.8	23.9	22.8	5.12	2.41	1.17	10.2	13.8	4.10B	28
29	1.85B		2.86	13.4	28.6	22.5	4.53	2.27	1.16	8.36	13.3	3.60B	29
30	1.75B		3.27	12.5	35.0	22.6	4.36	3.34	1.11	7.66	11.8	3.90B	30
31	1.80B		3.92		37.2		4.18	3.97		7.14		4.10B	31
TOTAL	83.09	51.29	71.78	448.87	654.8	901.1	335.56	92.75	51.76	171.26	538.64	192.41	TOTAL
MEAN	2.68	1.83	2.32	15.0	21.1	30.0	10.8	2.99	1.73	5.52	18.0	6.21	MEAN
MAX	3.68	2.50	3.92	26.0	38.8	45.4	20.6	4.76	3.60	16.3	55.0	10.8	MAX
MIN	1.40	1.00	1.79	4.75	12.5	20.8	4.18	1.93	1.11	1.11	5.80	2.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.84
MAXIMUM DAILY, 55.0E ON NOV 10
MINIMUM DAILY, 1.00B ON FEB 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 59 N
LONG 120 39 55 W
DRAINAGE AREA, 407 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 180	JUL	29 000
FEB	4 430	AUG	8 010
MAR	6 200	SEP	4 470
APR	38 800	OCT	14 800
MAY	56 600	NOV	46 500
JUN	77 900	DEC	16 600

TOTAL DISCHARGE, 310 000 dam³

SIMILKAMEEN RIVER AT PRINCETON - STATION NO. 08NL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.63	4.10B	4.90B	12.9	40.3	110	66.9	12.4	9.43	3.48	13.6	34.0	1
2	7.25	4.40B	4.90B	17.1	40.3	91.8	60.1	11.4	8.03	3.38	11.9	31.9	2
3	7.25	4.75B	5.00B	20.8	45.2	98.1	55.7	10.5	7.09	3.52	11.4	30.8	3
4	7.34	4.60B	5.20B	21.9	49.8	108	50.1	9.55	6.51	15.0	12.0	32.0	4
5	7.63	4.40B	5.40B	23.4	70.1	90.3	49.2	8.91	6.02	32.0	13.1	31.1	5
6	8.57	4.20B	5.20	25.2	100	87.0	62.5	8.66	5.46	16.5	10.9	28.3	6
7	8.75	4.30B	5.11	28.7	82.8	87.2	54.4	8.45	5.19	11.8	10.9	25.8	7
8	8.38	4.60B	5.04	32.5	68.5	81.4	46.9	7.77	5.14	9.62	11.6	25.2	8
9	7.91	4.80B	4.75	31.0	61.3	77.1	45.5	7.11	4.95	8.39	28.7	26.7	9
10	6.64	5.20B	4.87	27.6	57.6	97.5	42.5	6.76	4.73	10.6	140	25.9	10
11	5.42	5.00B	4.45	27.2	60.4	92.7	42.6	6.71	4.69	10.8	125	25.1	11
12	5.42	4.30B	4.56	30.7	61.1	78.1	45.0	7.12	4.75	8.99	88.8	20.1	12
13	7.72	3.90B	4.49	32.3	59.8	71.4	42.2	6.94	4.64	8.16	93.4	16.9 B	13
14	9.28	3.60B	4.81	33.6	57.9	71.4	36.8	6.53	4.43	7.63	83.7	13.2 B	14
15	7.72	3.10B	4.81	39.2	55.1	75.2	33.6	6.33	4.28	7.76	61.6	14.5 B	15
16	6.40B	2.70B	4.80	47.8	55.2	92.6	31.9	5.74	4.78	7.72	50.0	16.5 B	16
17	4.60B	3.10B	5.14	56.9	55.8	95.3	28.9	5.68	5.63	7.92	43.5	18.4 B	17
18	4.03B	3.50B	5.65	61.7	54.0	101	26.1	7.69	5.04	7.00	38.3	14.2 B	18
19	3.30	4.10B	6.30	61.6	53.7	96.5	22.3	12.1	4.73	6.75	34.6	11.0 B	19
20	3.63	4.40B	6.47	65.6	55.3	99.8	20.9	8.95	4.28	6.56	32.4	7.00B	20
21	4.00B	5.00B	6.64	71.9	54.4	105	18.5	7.72	4.07	6.46	29.7	5.40B	21
22	6.10B	5.80B	6.51	72.2	55.3	113	17.7	13.6	3.97	8.08	29.8	5.90B	22
23	5.60B	5.70B	6.16	71.0	60.8	117	18.4	11.6	3.67	7.62	41.2	6.40B	23
24	5.10B	5.60B	5.66	70.0	59.4	116	18.4	8.98	3.72	7.13	123	6.80B	24
25	4.60B	5.50B	5.79	63.1	57.1	106	18.9	9.51	3.75	7.53	96.9	7.30B	25
26	4.40B	5.40B	5.89	56.6	55.6	88.9	21.6	10.2	3.62	21.6	64.7	8.00B	26
27	4.40B	5.20B	6.19	51.9	57.4	81.7	19.5	8.70	3.62	18.0	52.6	8.50B	27
28	4.60B	5.00B	6.77	47.5	70.6	71.3	16.1	7.65	3.62	17.7	43.6	6.80B	28
29	4.30B		6.94	42.7	114	68.0	14.4	6.88	3.56	17.9	40.6	6.30B	29
30	4.00B		8.10	39.7	112	69.8	14.1	7.72	3.51	14.9	37.9	6.80B	30
31	3.70B		9.83		118		13.3	9.76		14.4		7.10B	31
TOTAL	184.67	126.25	176.33	1 284.3	1 998.8	2 739.1	1 055.0	267.62	146.91	334.90	1 475.4	523.90	TOTAL
MEAN	5.96	4.51	5.69	42.8	64.5	91.3	34.0	8.63	4.90	10.8	49.2	16.9	MEAN
MAX	8.75	5.80	9.83	72.2	118	117	66.9	13.6	9.43	32.0	140	34.0	MAX
MIN	3.30	2.70	4.45	12.9	40.3	68.0	13.3	5.68	3.51	3.38	10.9	5.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.2
MAXIMUM DAILY, 140 ON NOV 10
MINIMUM DAILY, 2.70B ON FEB 16
MAXIMUM INSTANTANEOUS,
185 AT 21:57 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 35 N
LONG 120 30 07 W
DRAINAGE AREA, 1 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 000	JUL	91 200
FEB	10 900	AUG	23 100
MAR	15 200	SEP	12 700
APR	111 000	OCT	28 900
MAY	173 000	NOV	127 000
JUN	237 000	DEC	45 300

TOTAL DISCHARGE, 891 000 dam³

SIMILKAMEEN RIVER NEAR HEDLEY - STATION NO. 08NL038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3	13.1 B	13.0B	31.5	92.2	248	116	21.8	19.1	7.13	34.8	75.5	1
2	19.9	14.0 B	13.0B	40.6	94.7	218	106	21.0	17.4	7.17	31.2	69.8	2
3	19.2	14.8 B	13.2B	51.1	106	227	103	20.0	15.5	7.26	29.9	64.8	3
4	19.6	14.2 B	13.8B	56.8	116	250	90.0	18.9	14.3	35.5	31.2	69.7	4
5	19.2	13.9 B	14.1	60.4	160	207	86.1	18.0	13.4	73.2	34.0	68.7	5
6	20.3	13.3 B	13.4	67.4	220	193	110	17.0	12.6	36.0	28.5	64.8	6
7	20.9	13.2 B	13.4	75.2	173	201	105	16.2	11.7	26.7	27.6	60.8	7
8	20.5	13.5 B	13.5	84.6	147	184	90.5	15.5	11.1	21.9	28.2	58.5	8
9	20.3	13.9 B	12.9	80.6	132	173	84.5	15.1	10.6	20.5	63.1	60.0	9
10	19.1	14.7 B	13.0	73.9	126	216	79.2	14.2	10.5	24.4	410	55.9	10
11	16.2	15.2 B	12.6	70.6	132	204	74.9	13.9	9.88	25.5	301	52.6	11
12	15.9	14.6 B	11.9	76.5	136	187	75.1	14.8	9.51	21.9	235	47.4	12
13	18.5	13.0 B	12.1	81.9	136	187	71.7	14.3	9.38	21.9	260	43.4	13
14	19.4	11.8 B	12.6	83.5	130	183	62.1	13.5	9.24	20.9	207	40.0B	14
15	19.2	10.2 B	12.8	98.5	126	187	56.5	12.7	9.05	20.1	148	38.8B	15
16	18.4	9.50B	12.8	116	127	213	51.8	12.1	9.30	19.9	121	40.0B	16
17	17.2	8.20B	13.5	137	129	204	46.8	11.7	11.2	19.5	104	42.0B	17
18	14.0	10.0 B	14.7	145	125	211	41.7	13.3	11.2	18.4	88.2	39.0B	18
19	11.7	11.5 B	16.2	148	126	196	38.4	19.2	9.86	18.2	80.1	29.0B	19
20	13.1	12.0 B	17.1	158	131	199	35.8	16.6	8.95	17.4	72.6	18.2B	20
21	14.0B	12.8 B	18.3	178	129	201	34.4	15.1	8.89	16.9	65.1	15.5B	21
22	16.2B	14.2 B	18.7	177	131	213	32.1	20.1	8.75	19.8	66.2	17.0B	22
23	15.8B	14.7 B	18.3	173	142	215	31.5	29.5	8.41	20.1	95.4	18.0B	23
24	15.1B	14.0 B	17.6	174	143	206	31.3	17.6	8.14	18.5	269	19.0B	24
25	14.8B	13.7 B	17.6	150	141	184	31.9	17.6	8.12	18.3	196	20.0B	25
26	14.2B	13.3 B	18.0	131	142	159	33.3	19.9	8.03	81.9	140	21.5B	26
27	14.2B	12.9 B	18.3	118	149	144	31.8	18.0	7.67	54.3	116	23.0B	27
28	14.5B	13.0 B	18.8	109	176	128	28.1	15.6	7.51	55.0	98.3	20.0B	28
29	13.8B		19.5	98.1	267	121	25.9	14.3	7.46	51.3	90.5	19.0B	29
30	13.0B		21.3	90.8	258	122	24.3	15.1	7.25	42.0	83.0	19.7B	30
31	12.5B		25.9		263		23.1	17.6		38.2		20.2B	31
TOTAL	520.4	363.20	481.9	3 136.0	4 605.9	5 781	1 852.8	511.2	314.00	879.76	3 634.9	1 251.5	TOTAL
MEAN	16.8	13.0	15.5	105	149	193	59.8	16.5	10.5	28.4	121	40.4	MEAN
MAX	20.9	15.2	25.9	178	267	250	116	21.8	19.1	81.9	410	75.5	MAX
MIN	11.7	8.20	11.9	31.5	92.2	121	23.1	11.7	7.25	7.13	27.6	15.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.9
MAXIMUM DAILY, 410 ON NOV 10
MINIMUM DAILY, 7.13 ON OCT 01
MAXIMUM INSTANTANEOUS,
602 AT 20:29 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 39 N
LONG 120 09 06 W
DRAINAGE AREA, 5 590 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 000	JUL	160 000
FEB	31 400	AUG	44 200
MAR	41 600	SEP	27 100
APR	271 000	OCT	76 000
MAY	398 000	NOV	314 000
JUN	499 000	DEC	108 000

TOTAL DISCHARGE, 2 020 000 dam³

SIMILKAMEEN RIVER NEAR NIGHTHAWK - STATION NO. 08NL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.9	16.8	18.6	30.9	126	379	205	48.4	33.1	14.1	45.9	109	1
2	28.3	16.2	18.3	37.1	127	357	191	45.3	32.8	13.9	43.0	101	2
3	27.0	16.6	18.2	45.6	132	345	187	43.0	30.9	13.7	39.1	94.6	3
4	26.1	20.8	18.2	54.4	140	377	169	40.8	28.6	14.0	38.5	90.6	4
5	26.2	20.6	18.3	59.5	163	354	155	38.5	27.1	39.6	40.5	94.3	5
6	26.1	19.3	18.1	64.8	220	323	165	36.5	25.8	57.8	40.8	88.6	6
7	27.7	18.5	18.1	71.9	229	317	181	34.3	24.4	41.1	35.7	84.1	7
8	27.9	17.4	18.2	80.4	202	309	165	32.6	23.3	34.5	36.2	80.4	8
9	27.7	17.4	18.0	86.9	187	292	149	31.1	22.5	30.6	36.2	79.6	9
10	27.2	18.1	17.9	82.4	176	320	139	29.7	21.9	28.6	150	78.7	10
11	24.9	19.2	17.7	78.4	174	365	130	28.3	21.1	31.7	362	75.0	11
12	22.5	20.5	17.3	79.3	179	331	124	28.2	20.3	32.3	268	71.1	12
13	22.3	20.4	16.8	85.5	180	314	122	28.1	19.4	29.7	219	65.1	13
14	24.5	11.3B	16.7	89.5	178	311	113	26.9	19.0	29.4	248	60.3	14
15	25.5	11.9B	17.0	96.0	174	303	103	25.6	18.6	28.6	190	58.9	15
16	24.9	11.9B	17.1	112	171	314	95.1	24.3	18.5	26.8	165	58.6	16
17	24.0	11.3B	17.3	133	172	320	88.6	23.3	18.8	26.4	144	58.0	17
18	22.3	10.5B	18.0	152	172	320	82.1	23.9	19.9	25.7	129	59.2	18
19	19.3	10.8B	18.9	159	172	314	77.5	27.4	20.1	24.7	114	28.3B	19
20	17.2	13.2	20.5	166	172	314	70.8	32.3	18.8	24.1	106	19.8B	20
21	17.8	15.0	21.6	185	178	317	66.3	30.0	18.0	23.3	96.3	17.0B	21
22	20.0	18.2	22.7	197	176	317	62.6	30.3	17.4	22.8	89.2	19.8B	22
23	22.6	21.4	23.0	198	190	326	61.2	36.5	16.8	25.3	92.6	24.4B	23
24	25.3	21.1	22.9	202	199	334	62.3	34.8	16.4	25.3	179	28.3B	24
25	21.4	20.7	22.0	195	201	314	64.6	33.1	15.9	24.0	228	28.3B	25
26	21.1	20.1	22.0	180	201	286	69.9	35.7	15.5	32.6	177	29.4B	26
27	20.0	19.5	22.3	165	207	261	67.1	37.1	15.1	70.5	153	31.1B	27
28	19.1	19.0	22.7	154	230	238	61.2	33.7	14.8	53.8	138	28.3B	28
29	20.0		23.8	142	300	223	56.1	30.3	14.6	59.7	126	26.7B	29
30	20.1		24.7	131	362	212	52.1	30.0	14.3	56.7	119	25.5B	30
31	18.2		26.6		354		50.4	32.0		48.4		28.3B	31
TOTAL	723.1	477.7	613.7	3 513.6	6 044	9 407	3 384.3	1 012.0	623.7	1 005.7	3 849.0	1 738.3	TOTAL
MEAN	23.3	17.1	19.8	117	195	314	109	32.6	20.8	32.4	128	56.1	MEAN
MAX	28.9	21.4	26.6	202	362	379	205	48.4	33.1	70.5	362	109	MAX
MIN	17.2	10.5	16.7	30.9	126	212	50.4	23.3	14.3	13.7	35.7	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.7
MAXIMUM DAILY, 379 ON JUN 01
MINIMUM DAILY, 10.5B ON FEB 18
MAXIMUM INSTANTANEOUS,
402 AT 12:00 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 05 N
LONG 119 37 02 W
DRAINAGE AREA, 9 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	62 500	JUL	292 000
FEB	41 300	AUG	87 400
MAR	53 000	SEP	53 900
APR	304 000	OCT	86 900
MAY	522 000	NOV	333 000
JUN	813 000	DEC	150 000

TOTAL DISCHARGE, 2 800 000 dam³

SIMPSON CREEK AT THE MOUTH - STATION NO. 08EE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.165	0.035B	0.024B	0.138	0.143	1.91	3.50	0.357	0.133	0.049	0.032	0.018B	1
2	0.145	0.033B	0.025B	0.148	0.151	1.77	1.70	0.207	0.111	0.044	0.031	0.017B	2
3	0.134	0.032B	0.025B	0.157	0.192	2.82	1.08	0.188	0.094	0.040	0.032	0.017B	3
4	0.127	0.031B	0.025B	0.155	0.225	4.67	0.851	0.266	0.082	0.040	0.031	0.017B	4
5	0.138	0.030B	0.025B	0.152	0.435	1.48	0.954	0.300	0.095	0.037	0.027	0.017B	5
6	0.135	0.029B	0.025B	0.148	0.487	1.10	1.21	0.371	0.093	0.037	0.027	0.019B	6
7	0.129	0.028B	0.025B	0.145	0.371	1.32	1.12	0.234	0.103	0.036	0.028	0.022B	7
8	0.130	0.028B	0.025B	0.130	0.324	1.52	0.993	0.173	0.125	0.036	0.026	0.029B	8
9	0.123	0.028B	0.026B	0.122	0.349	1.28	0.900	0.310	0.112	0.047	0.026	0.027B	9
10	0.112	0.027B	0.026B	0.115	0.387	1.10	1.01	0.307	0.098	0.046	0.025	0.022B	10
11	0.100B	0.027B	0.028B	0.105	0.432	1.27	1.02	0.299	0.086	0.046	0.024	0.020B	11
12	0.085B	0.026B	0.029B	0.102	0.521	1.07	0.951	0.326	0.087	0.044	0.025	0.019B	12
13	0.078B	0.026B	0.031B	0.104	0.472	0.974	0.655	0.452	0.078	0.040	0.024	0.017B	13
14	0.072B	0.025B	0.032B	0.113	0.537	1.42	0.453	0.522	0.074	0.037	0.024	0.017B	14
15	0.068B	0.025B	0.033B	0.119	0.747	1.67	0.488	0.300	0.075	0.037	0.024	0.016B	15
16	0.066B	0.025B	0.035B	0.122	0.910	1.28	0.530	0.308	0.083	0.034	0.024	0.016B	16
17	0.063B	0.025B	0.037B	0.153	0.886	0.868	0.365	0.247	0.075	0.034	0.025	0.015B	17
18	0.062B	0.024B	0.038B	0.194	0.881	0.731	0.315	0.215	0.064	0.034	0.025	0.013B	18
19	0.060B	0.024B	0.040B	0.198	0.776	0.932	0.381	0.185	0.060	0.033	0.024	0.012B	19
20	0.058B	0.024B	0.042B	0.232	0.700	1.20	0.419	0.234	0.057	0.033	0.022	0.012B	20
21	0.057B	0.024B	0.043B	0.215	0.787	1.88	0.448	0.218	0.060	0.038	0.023	0.011B	21
22	0.056B	0.024B	0.043B	0.192	0.716	2.13	0.499	0.165	0.066	0.033	0.024	0.011B	22
23	0.054B	0.024B	0.044B	0.167	0.667	1.43	0.584	0.136	0.074	0.032	0.022	0.011B	23
24	0.052B	0.024B	0.053B	0.161	0.700	0.685	0.573	0.122	0.074	0.064	0.021B	0.011B	24
25	0.052B	0.024B	0.062B	0.149	0.726	0.664	0.577	0.102	0.069	0.051	0.021B	0.011B	25
26	0.049B	0.024B	0.071	0.153	1.08	0.879	0.476	0.090	0.056	0.044	0.020B	0.012B	26
27	0.048B	0.024B	0.077	0.154	2.09	0.714	0.291	0.088	0.050	0.044	0.020B	0.012B	27
28	0.046B	0.024B	0.089	0.140	3.00	0.915	0.282	0.092	0.044	0.039	0.019B	0.011B	28
29	0.044B		0.099	0.129	2.48	0.970	0.343	0.111	0.043	0.036	0.019B	0.011B	29
30	0.042B		0.123	0.132	1.79	1.72	0.438	0.139	0.042	0.035	0.018B	0.011B	30
31	0.039B		0.137		1.72		0.562	0.145		0.032		0.011B	31
TOTAL	2.589	0.744	1.437	4.444	25.779	40.372	23.968	7.208	2.363	1.232	0.733	0.485	TOTAL
MEAN	0.084	0.027	0.046	0.148	0.832	1.35	0.773	0.233	0.079	0.040	0.024	0.016	MEAN
MAX	0.165	0.035	0.137	0.232	3.00	2.82	3.50	0.522	0.133	0.064	0.032	0.029	MAX
MIN	0.039	0.024	0.024	0.102	0.143	0.664	0.282	0.088	0.042	0.032	0.018	0.011	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.305
MAXIMUM DAILY, 3.50 ON JUL 01
MINIMUM DAILY, 0.011B ON DEC 21
MAXIMUM INSTANTANEOUS,
4.67 AT 20:51 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 36 N
LONG 127 12 09 W
DRAINAGE AREA, 13.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	224	JUL	2 070
FEB	64.3	AUG	623
MAR	124	SEP	204
APR	384	OCT	106
MAY	2 230	NOV	63.3
JUN	3 490	DEC	41.9

TOTAL DISCHARGE, 9 620 dam³

SKAGIT RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08PA004

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.448	6.330	6.245	3.555	4.272	3.749	1
2	---	---	---	---	---	---	5.704	6.252	6.198	3.468	4.106	3.384	2
3	---	---	---	---	---	---	5.848	6.192	6.141	3.432	3.942	3.106	3
4	---	---	---	---	---	---	5.974	6.172	6.057	3.740	3.825	2.918	4
5	---	---	---	---	---	---	6.040	6.242	5.953	4.153	3.685	2.887	5
6	---	---	---	---	---	---	6.144	6.309	5.874	4.314	3.564	2.812	6
7	---	---	---	---	---	---	6.186	6.307	5.799	4.377	3.442	2.757	7
8	---	---	---	---	---	---	6.194	6.262	5.726	4.420	3.247	2.806	8
9	---	---	---	---	---	---	6.205	6.190	5.701	4.401	3.420	2.925	9
10	---	---	---	---	---	---	6.205	6.170	5.626	4.417	4.733	3.045	10
11	---	---	---	---	---	---	6.198	6.207	5.507	4.402	6.017	3.164	11
12	---	---	---	---	---	---	6.221	6.286	5.389	4.361	6.089	3.234	12
13	---	---	---	---	---	---	6.235	6.335	5.273	4.337	6.051	3.243	13
14	---	---	---	---	---	---	6.208	6.335	5.157	4.359	6.136	3.243	14
15	---	---	---	---	---	---	6.223	6.314	5.043	4.315	5.712	3.225	15
16	---	---	---	---	---	---	6.226	6.247	4.985	4.240	5.328	3.190	16
17	---	---	---	---	---	---	6.187	6.193	4.921	4.168	4.986	3.162	17
18	---	---	---	---	---	---	6.173	6.200	4.817	4.092	4.587	3.133	18
19	---	---	---	---	---	---	6.186	6.231	4.709	4.002	4.180	3.009	19
20	---	---	---	---	---	---	6.229	6.231	4.611	3.948	3.947	2.871	20
21	---	---	---	---	---	---	6.293	6.229	4.500	3.919	3.564	2.725	21
22	---	---	---	---	---	---	6.336	6.268	4.391	3.883	3.236	2.636	22
23	---	---	---	---	---	---	6.325	6.295	4.317	3.825	3.478	2.596	23
24	---	---	---	---	---	3.016	6.298	6.291	4.233	3.748	4.531	---	24
25	---	---	---	---	---	3.519	6.294	6.295	4.135	3.697	5.480	---	25
26	---	---	---	---	---	3.974	6.290	6.267	4.025	3.910	5.635	---	26
27	---	---	---	---	---	4.337	6.295	6.203	3.922	4.123	5.407	---	27
28	---	---	---	---	---	4.591	6.298	6.154	3.811	4.278	4.822	---	28
29	---	---	---	---	---	4.728	6.311	6.128	3.707	4.390	4.454	---	29
30	---	---	---	---	---	4.856	6.350	6.156	3.613	4.433	4.127	---	30
31	---	---	---	---	---	5.122	6.363	6.232		4.427		---	31
MEAN	---	---	---	---	---	---	6.178	6.242	5.013	4.101	4.533	---	MEAN
MAX	---	---	---	---	---	---	6.363	6.335	6.245	4.433	6.136	---	MAX
MIN	---	---	---	---	---	---	5.448	6.128	3.613	3.432	3.236	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 6.363 ON JUL 31

MAXIMUM INSTANTANEOUS,
6.384 AT 00:33 PST ON AUG 01

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 121 04 15 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
987 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 482.355 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SKAHA LAKE AT OKANAGAN FALLS - STATION NO. 08NM084

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.368	2.410	2.397	2.359	2.404	2.623	2.645	2.501	2.470	2.382	2.459	2.419	1
2	2.385	2.410	2.401	2.367	2.396	2.644	2.640	2.488	2.473	2.379	2.452	2.419	2
3	2.392	2.407	2.400	2.382	2.391	2.641	2.638	2.479	2.473	2.382	2.453	2.405	3
4	2.402	2.410	2.391	2.398	2.389	2.671	2.638	2.465	2.470	2.395	2.451	2.405	4
5	2.412	2.404	2.389	2.414	2.382	2.709	2.640	2.453	2.463	2.411	2.451	2.408	5
6	2.420	2.409	2.377	2.424	2.386	2.722	2.649	2.451	2.461	2.417	2.442	2.406	6
7	2.426	2.401	2.378	2.427	2.383	2.735	2.653	2.440	2.458	2.419	2.439	2.404	7
8	2.432	2.403	2.378	2.432	2.379	2.710	2.652	2.449	2.455	2.429	2.439	2.404	8
9	2.429	2.395	2.368	2.437	2.373	2.685	2.647	2.461	2.451	2.438	2.440	2.410	9
10	2.428	2.391	2.367	2.439	2.372	2.682	2.645	2.458	2.448	2.448	2.442	2.408	10
11	2.414	2.392	2.361	2.440	2.371	2.703	2.635	2.453	2.441	2.438	2.442	2.407	11
12	2.399	2.387	2.356	2.441	2.370	2.717	2.627	2.457	2.428	2.437	2.445	2.404	12
13	2.386	2.385	2.349	2.436	2.371	2.738	2.619	2.454	2.397	2.446	2.448	2.405	13
14	2.372	2.370	2.340	2.434	2.372	2.744	2.618	2.451	2.398	2.447	2.445	2.400	14
15	2.356	2.359	2.335	2.435	2.370	2.744	2.608	2.443	2.401	2.459	2.440	2.394	15
16	2.356	2.364	2.332	2.438	2.377	2.751	2.621	2.441	2.426	2.464	2.428	2.398	16
17	2.356	2.360	2.331	2.436	2.384	2.745	2.725	2.444	2.436	2.462	2.432	2.397	17
18	2.358	2.351	2.330	2.420	2.395	2.723	2.668	2.448	2.433	2.463	2.434	2.405	18
19	2.362	2.340	2.335	2.393	2.400	2.705	2.634	2.457	2.433	2.449	2.427	2.396	19
20	2.368	2.340	2.344	2.389	2.408	2.688	2.624	2.462	2.425	2.430	2.422	2.387	20
21	2.375	2.339	2.359	2.390	2.412	2.682	2.608	2.464	2.419	2.417	2.422	2.378	21
22	2.384	2.347	2.362	2.396	2.429	2.679	2.579	2.476	2.419	2.417	2.415	2.370	22
23	2.395	2.354	2.355	2.403	2.461	2.678	2.558	2.474	2.420	2.414	2.411	2.367	23
24	2.394	2.366	2.350	2.414	2.492	2.684	2.551	2.475	2.420	2.407	2.429	2.362	24
25	2.395	2.378	2.349	2.421	2.525	2.685	2.544	2.478	2.418	2.424	2.440	2.358	25
26	2.394	2.389	2.348	2.419	2.508	2.677	2.537	2.481	2.418	2.446	2.435	2.356	26
27	2.392	2.394	2.345	2.415	2.497	2.657	2.533	2.476	2.410	2.461	2.431	2.359	27
28	2.394	2.394	2.347	2.422	2.496	2.657	2.527	2.474	2.406	2.461	2.423	2.363	28
29	2.401		2.351	2.421	2.514	2.650	2.519	2.467	2.398	2.454	2.418	2.351	29
30	2.407		2.353	2.415	2.540	2.647	2.513	2.469	2.390	2.452	2.417	2.341	30
31	2.413		2.358		2.590		2.511	2.470		2.462		2.339	31
MEAN	2.392	2.380	2.359	2.415	2.423	2.693	2.607	2.463	2.432	2.433	2.436	2.388	MEAN
MAX	2.432	2.410	2.401	2.441	2.590	2.751	2.725	2.501	2.473	2.464	2.459	2.419	MAX
MIN	2.356	2.339	2.330	2.359	2.370	2.623	2.511	2.440	2.390	2.379	2.413	2.339	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MEAN, 2.452
MAXIMUM DAILY, 2.751 ON JUN 16
MINIMUM DAILY, 2.330 ON MAR 18
MAXIMUM INSTANTANEOUS,
2.756 AT 16:05 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 12 N
LONG 119 34 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 335.393 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SKEENA RIVER ABOVE BABINE RIVER - STATION NO. 08EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	148 B	61.0B	52.0B	98.0B	274	2 430E	1 520E	392	240E	197	127	70.0B	1
2	141 B	60.0B	52.0B	107 B	304	2 500E	1 700E	338	252E	192	123	70.1B	2
3	136 B	59.5B	52.0B	112 B	367	2 420E	1 700E	286	241E	184	118	71.0B	3
4	130 B	58.7B	52.0B	117 B	471	2 380E	1 500E	270	214E	169	114	71.5B	4
5	125 B	58.2B	52.0B	118 B	539	2 040A	1 350E	281	200E	157	106	80.0B	5
6	120 B	58.0B	51.5B	118 B	760	1 790	1 260E	297	190E	149	83.8	90.0B	6
7	117 B	57.5B	51.1B	119 B	771	1 690	1 200E	330	192E	142	82.1	101 B	7
8	112 B	56.5B	50.5B	117 B	685	1 720	1 130E	289	190E	176	108	110 B	8
9	111 B	56.0B	50.0B	114 B	658	1 690	1 090E	270	189E	218	109	114 B	9
10	108 B	55.8B	49.0B	107 B	705	1 680	1 060E	279	179E	210	104	120 B	10
11	103 B	55.4B	48.0B	98.0B	761	1 710	985E	285	170E	183	100	121 B	11
12	100 B	54.8B	48.0B	98.0B	770	1 750	930E	299	164A	170	97.3	118 B	12
13	97.0B	54.3B	48.0B	100 B	737	1 740	880E	306	161	164	89.7	109 B	13
14	92.0B	54.0B	49.5B	109 B	726	1 850	790E	325E	154	158	91.3	101 B	14
15	89.0B	55.0B	51.8B	135 B	776	1 920	690E	340E	150	149	95.7	96.0B	15
16	85.5B	54.0B	53.9B	165 E	786	1 850	645E	405E	152	141	98.6	91.0B	16
17	82.0B	53.8B	56.5B	200 E	786A	1 580	600E	400E	147	134	100	86.5B	17
18	80.0B	52.9B	60.0B	221 E	800E	1 330	560E	350E	142	129	99.5	82.0B	18
19	78.5B	52.1B	66.0B	255 E	815E	1 280	530E	320E	142	128	99.0	78.0B	19
20	77.0B	52.0B	70.0B	278 E	823E	1 250A	525E	299E	141	126	93.6	73.5B	20
21	76.0B	52.0B	78.0B	300 E	860E	1 270E	545E	267E	164	125	82.4	70.0B	21
22	75.0B	52.0B	73.5B	312 E	900E	1 300E	580E	262E	220	124	75.3	66.0B	22
23	74.2B	52.0B	69.0B	310 E	940E	1 420E	555E	252E	206	126	71.0B	65.4B	23
24	74.0B	52.0B	66.0B	300 E	970E	1 380E	523A	240E	212	174	69.0B	64.8B	24
25	73.0B	52.0B	62.5B	276 A	1 000E	1 260E	521	215E	213	196	67.5B	64.0B	25
26	70.0B	52.0B	62.0B	271	1 100E	1 210E	499	202E	187	169	66.0B	64.0B	26
27	69.0B	52.0B	62.2B	269	1 350E	1 220E	448	198E	165	154	67.0B	63.8B	27
28	68.0B	52.0B	64.0B	254	1 600E	1 220E	394	181E	160	149	67.5B	63.0B	28
29	66.0B		70.0B	244	2 100E	1 230E	367	179E	195	144	69.2B	62.8B	29
30	64.5B		80.0B	254	2 280E	1 370E	374	190E	216	138	69.8B	62.4B	30
31	63.5B		90.0B		2 340E		389	200E		133		62.0B	31
TOTAL	2 905.2	1 535.5	1 841.0	5 576.0	28 754	49 480	25 840	8 747	5 548	4 908	2 744.3	2 561.8	TOTAL
MEAN	93.7	54.8	59.4	186	928	1 650	834	282	185	158	91.5	82.6	MEAN
MAX	148	61.0	90.0	312	2 340	2 500	1 700	405	252	218	127	121	MAX
MIN	63.5	52.0	48.0	98.0	274	1 210	367	179	141	124	66.0	62.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 385
MAXIMUM DAILY, 2 500E ON JUN 02
MINIMUM DAILY, 48.0B ON MAR 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 58 N
LONG 127 41 05 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	251 000	JUL	2 230 000
FEB	133 000	AUG	756 000
MAR	159 000	SEP	479 000
APR	482 000	OCT	424 000
MAY	2 480 000	NOV	237 000
JUN	4 280 000	DEC	221 000

TOTAL DISCHARGE, 12 100 000 dam³

SKEENA RIVER AT USK - STATION NO. 08EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	612	212B	184	363	915	5 590	2 960	1 090	724	441	337	185	1
2	565	200B	184	380	1 010	5 840	3 320	978	727	421	319	178B	2
3	526	192B	189	417	1 160	5 100	2 870	841	623	414	311	176B	3
4	496	185B	187	436	1 440	5 090	2 570	803	566	388	325	180B	4
5	488	182B	188	435	1 720	4 970	2 430	798	539	358	311	205B	5
6	485	176B	191	438	2 000	4 080	2 390	813	567	338	275	280B	6
7	476	174B	191	441	2 180	3 560	2 380	849	553	330	251	320B	7
8	472	170B	185	443	1 960	3 460	2 360	836	541	390	245	360B	8
9	453	168B	181	428	1 840	3 470	2 360	793	521	468	265	370B	9
10	431	165B	173	397	1 870	3 320	2 250	807	481	500	264	380B	10
11	401	162B	171	370	1 980	3 340	2 190	837	453	455	250	350	11
12	361	160B	172	360	2 030	3 460	2 120	871	432	425	248	317	12
13	345	159B	172	362	1 970	3 410	1 950	904	422	397	245	290	13
14	345	158B	175	388	1 920	3 510	1 780	1 010	415	378	233	274	14
15	350	158B	179	465	1 980	3 720	1 610	1 130	406	360	236	262	15
16	328	158B	190	571	2 140	3 650	1 520	1 030	407	340	253	243	16
17	282	158B	202	668	2 330	3 240	1 450	894	402	324	254	235	17
18	255	160	214	775	2 490	2 810	1 340	817	379	323	259	206	18
19	258	161	229	872	2 500	2 630	1 280	778	364	305	255	177	19
20	293	178	257	980	2 470	2 620	1 290A	740	357	296	245	170B	20
21	325	189	291	1 080	2 490	2 660	1 270	738	366	304	229	163B	21
22	331	202	288	1 130	2 590	2 970	1 280	738	421	313	205	161B	22
23	314	203	263	1 170	2 690	3 240	1 330	702	481	320	192	160B	23
24	295	200	240	1 110	2 730	3 030	1 360	647	483	347	178	155B	24
25	281	202	230	1 040	2 560	2 520	1 370	586	499	479	161	152B	25
26	272	197	227	995	2 440	2 370	1 330	533	469	478	167	150B	26
27	261	183	225	997	2 690	2 380	1 240	501	410	462	176	147B	27
28	255	187	226	956	3 470	2 420	1 100	488	386	427	190	146B	28
29	246		245	883	4 530	2 410	1 030	497	382	401	214	145B	29
30	225		294	868	4 900	2 480	1 040	542	425	372	201	144B	30
31	224B		336		4 810		1 080	618		352		143B	31
TOTAL	11 253	4 999	6 679	20 218	73 805	103 350	55 850	24 209	14 201	12 006	7 294	6 824	TOTAL
MEAN	363	179	215	674	2 380	3 450	1 800	781	473	387	243	220	MEAN
MAX	612	212	336	1 170	4 900	5 840	3 320	1 130	727	500	337	380	MAX
MIN	224	158	171	360	915	2 370	1 030	488	357	296	161	143	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 933
MAXIMUM DAILY, 5 840 ON JUN 02
MINIMUM DAILY, 143B ON DEC 31
MAXIMUM INSTANTANEOUS
5 980 AT 04:40 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 50 N
LONG 128 25 55 W
DRAINAGE AREA, 42 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	972 000	JUL	4 830 000
FEB	432 000	AUG	2 090 000
MAR	577 000	SEP	1 230 000
APR	1 750 000	OCT	1 040 000
MAY	6 380 000	NOV	630 000
JUN	8 930 000	DEC	590 000

TOTAL DISCHARGE, 29 500 000 dam³

SKEENA RIVER AT USK - STATION NO. 08EF001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.408	3.765	2.145	2.776	4.021	10.57	6.890	4.268	3.655	2.998	2.696	2.151	1
2	3.303	4.494	2.146	2.825	4.162	10.91	7.399	4.115	3.661	2.943	2.640	---	2
3	3.209	5.290	2.169	2.930	4.375	9.890	6.769	3.891	3.434	2.923	2.616	---	3
4	3.138	5.558	2.158	2.983	4.773	9.871	6.351	3.818	3.304	2.850	2.659	---	4
5	3.120	5.603	2.163	2.980	5.159	9.703	6.159	3.808	3.241	2.762	2.616	4.516	5
6	3.112	4.678	2.177	2.988	5.549	8.462	6.095	3.838	3.307	2.698	2.495	3.660	6
7	3.090	4.739	2.176	2.998	5.800	7.731	6.079	3.907	3.274	2.674	2.412	2.953	7
8	3.079	4.638	2.149	3.003	5.496	7.596	6.059	3.884	3.244	2.852	2.393	3.018	8
9	3.030	4.809	2.112	2.961	5.322	7.603	6.063	3.797	3.197	3.066	2.461	3.007	9
10	2.969	2.375	2.097	2.874	5.370	7.397	5.906	3.826	3.102	3.148	2.460	2.857	10
11	2.885	2.350	2.084	2.796	5.519	7.428	5.814	3.886	3.030	3.034	2.410	2.736	11
12	2.769	2.316	2.089	2.766	5.590	7.598	5.726	3.949	2.972	2.954	2.404	2.634	12
13	2.720	2.217	2.090	2.772	5.516	7.530	5.487	4.006	2.945	2.874	2.391	2.545	13
14	2.722	2.140	2.103	2.849	5.444	7.658	5.249	4.163	2.926	2.820	2.349	2.494	14
15	2.736	2.094	2.121	3.059	5.523	7.964	5.012	4.325	2.900	2.766	2.358	2.453	15
16	2.670	2.053	2.171	3.315	5.753	7.854	4.881	4.197	2.902	2.705	2.421	2.386	16
17	2.519	2.137	2.227	3.535	6.013	7.293	4.775	3.985	2.887	2.655	2.424	2.355	17
18	2.426	2.036	2.274	3.762	6.235	6.679	4.630	3.847	2.822	2.653	2.441	2.240	18
19	2.439	2.040	2.333	3.948	6.256	6.433	4.540	3.768	2.778	2.597	2.427	2.112	19
20	2.557	2.116	2.435	4.119	6.211	6.416	4.542A	3.691	2.758	2.567	2.392	2.756	20
21	2.658	2.166	2.551	4.254	6.232	6.474	4.524	3.686	2.785	2.594	2.332	3.818	21
22	2.677	2.225	2.541	4.336	6.377	6.910	4.543	3.688	2.940	2.623	2.237	4.029	22
23	2.624	2.230	2.456	4.384	6.516	7.283	4.606	3.609	3.102	2.644	2.182	4.100	23
24	2.563	2.217	2.374	4.304	6.580	6.995	4.656	3.488	3.107	2.613	2.117	3.783	24
25	2.516	2.224	2.338	4.202	6.336	6.282	4.663	3.351	3.146	3.095	2.041	3.726	25
26	2.485	2.203	2.327	4.140	6.170	6.071	4.619	3.227	3.070	3.093	2.068	3.365	26
27	2.456	2.142	2.318	4.144	6.515	6.084	4.479	3.150	2.909	3.051	2.111	3.153	27
28	2.429	2.158	2.324	4.085	7.613	6.144	4.293	3.118	2.844	2.958	2.174	2.974	28
29	2.397		2.391	3.970	9.087	6.223	4.192	3.141	2.831	2.886	2.276	3.324	29
30	2.315		2.558	3.944	9.605	6.224	4.208	3.248	2.952	2.804	2.219	3.937	30
31	2.348		2.693		9.489		4.256	3.422		2.744		---	31
MEAN	2.754	2.965	2.268	3.467	6.084	7.573	5.273	3.745	3.068	2.840	2.374	---	MEAN
MAX	3.408	5.603	2.693	4.384	9.605	10.91	7.399	4.325	3.661	3.148	2.696	---	MAX
MIN	2.315	2.036	2.084	2.766	4.021	6.071	4.192	3.118	2.758	2.567	2.041	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 10.918 ON JUN 02
MINIMUM DAILY, 2.036 ON FEB 18
MAXIMUM INSTANTANEOUS,
11.112 AT 04:40 PST ON JUN 02

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 50 N
LONG 128 25 55 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
42 200 km²

SKINS LAKE SPILLWAY, NECHAKO RESERVOIR - STATION NO. 08JA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.3	35.1	34.5	33.7	150	49.8	49.7	193	31.1	30.6	33.6	32.8	1
2	35.3	35.1	34.5	33.7	49.0	49.1	49.7	14.2	31.1	30.6	33.6	32.8	2
3	35.3	35.1	34.5	33.7	49.0	49.4	49.3	14.2	31.1	31.7	33.6	32.8	3
4	35.3	35.1	34.5	33.6	49.0	49.7	49.0	14.2	31.0	33.8	33.6	32.8	4
5	35.3	35.1	34.4	59.3	49.0	49.1	49.0	212	31.0	33.8	33.4	32.8	5
6	35.3	35.1	34.4	85.0	49.0	48.8	49.1	453	31.0	33.7	33.4	32.8	6
7	35.3	35.1	34.4	85.0	49.0	49.0	49.3	425	31.0	33.7	33.4	32.8	7
8	35.3	35.1	34.3	85.0	49.0	49.0	49.3	171	31.0	33.7	33.4	32.8	8
9	35.3	35.0	34.3	113	49.0	49.1	49.4	161	31.0	33.7	33.4	32.8	9
10	35.3	35.0	34.3	170	49.0	49.3	49.4	396	30.9	33.6	33.4	32.8	10
11	35.3	35.0	34.2	227	49.0	49.4	80.1	283	30.9	33.6	33.4	32.8	11
12	35.3	35.0	34.2	255	49.1	49.4	227	173	30.9	33.6	33.4	32.8	12
13	35.3	34.9	34.2	255	49.1	49.6	227	15.5	30.9	33.6	33.4	32.8	13
14	35.3	34.9	34.2	255	49.3	49.9	227	13.7	30.9	33.6	33.4	32.8	14
15	35.3	34.9	34.1	254	49.4	49.7	227	65.8	30.9	33.5	33.4	32.8	15
16	35.3	34.9	34.1	254	49.6	49.8	227	100	30.9	33.5	33.4	32.8	16
17	35.3	34.9	34.0	253	49.6	49.8	227	14.2	30.7	33.4	33.4	32.8	17
18	35.3	34.8	34.0	253	49.6	49.4	208	14.2	30.7	33.4	33.4	32.8	18
19	35.3	34.8	34.0	252	49.7	49.0	170	14.2	30.7	33.4	33.3	32.8	19
20	35.3	34.8	34.0	252	49.8	49.1	264	14.2	30.7	33.3	33.3	32.8	20
21	35.3	34.8	34.0	252	49.8	49.1	453	14.2	30.7	33.4	33.3	32.8	21
22	35.3	34.8	33.9	252	49.4	49.3	307	14.2	30.7	33.3	33.3	32.8	22
23	35.3	34.7	33.9	252	49.0	49.3	156	14.2	30.7	33.5	33.3	32.8	23
24	35.3	34.7	33.9	252	49.0	49.4	396	14.2	30.7	33.3	33.3	32.8	24
25	35.3	34.7	33.9	244	49.0	49.4	283	14.2	30.7	33.3	33.1	32.8	25
26	35.3	34.6	33.8	252	49.1	49.4	283	14.2	30.6	33.3	33.1	32.8	26
27	35.3	34.6	33.8	251	49.3	49.4	283	14.2	30.6	33.3	33.1	32.8	27
28	35.2	34.6	33.8	251	49.5	49.4	283	14.2	30.6	33.3	33.1	32.8	28
29	35.2		33.8	250	49.7	49.6	282	14.2	30.6	33.3	33.1	32.8	29
30	35.1		33.8	250	49.8	49.6	282	14.2	30.6	33.3	33.1	32.8	30
31	35.1		33.8		50.1		282	17.0		33.3		32.8	31
TOTAL	1 093.7	977.2	1 057.5	5 748.0	1 629.0	1 481.0	5 867.3	2 920.4	924.9	1 030.1	1 000.4	1 016.8	TOTAL
MEAN	35.3	34.9	34.1	192	52.5	49.4	189	94.2	30.8	33.2	33.3	32.8	MEAN
MAX	35.3	35.1	34.5	255	150	49.8	453	453	31.1	33.8	33.6	32.8	MAX
MIN	35.1	34.6	33.8	33.6	49.0	48.8	49.0	13.7	30.6	30.6	33.1	32.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 67.8
MAXIMUM DAILY, 453 ON JUL 21
MINIMUM DAILY, 13.7 ON AUG 14

DATA CONTRIBUTED BY -
ALCAN SMELTERS AND CHEMICALS LTD.

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 15 N
LONG 125 58 14 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	94 500	JUL	507 000
FEB	84 400	AUG	252 000
MAR	91 400	SEP	79 900
APR	497 000	OCT	89 000
MAY	141 000	NOV	86 400
JUN	128 000	DEC	87 900

TOTAL DISCHARGE, 2 140 000 dam³

SLESSE CREEK NEAR VEDDER CROSSING - STATION NO. 08MH056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.75	3.11	4.61	9.28	8.42	17.2	16.6	7.65	6.71	2.37E	14.9E	20.2 E	1
2	3.35	3.15	4.75	11.2	10.8	14.6	16.3	6.71	5.43	2.32E	13.6E	18.6 E	2
3	3.18	3.48	4.79	11.7	12.7	20.1	14.1	6.41	4.66	7.82E	14.5E	17.0 E	3
4	3.31	3.31	4.63	11.3	16.5	25.4	14.1	9.83	4.38	49.2 E	18.2E	27.0 E	4
5	5.14	3.28	4.55	11.6	25.9	19.9	16.0	7.13	4.33	24.2	15.8E	22.5 E	5
6	7.77	3.22	4.54	12.7	25.4	18.4	20.4	6.82	4.02E	12.4	13.5E	18.9 E	6
7	14.1	3.05	5.00E	13.8	16.7	20.5	17.5	6.34	3.88E	12.1 A	12.6E	17.0 E	7
8	10.3	2.92	5.18E	13.6	12.9	17.6	16.8	5.97	3.76E	11.0 E	12.0E	16.0 E	8
9	12.8	3.09	4.98E	11.3	11.4	17.4	17.3	5.56	3.67E	11.8 E	88.0E	25.0 E	9
10	11.4	11.8	5.60E	10.3	11.4	22.4	17.2	5.99	3.57E	12.9 A	---	21.2 E	10
11	9.01	18.5	5.01E	12.9	12.3	20.2	19.8	6.29	3.46E	11.4 E	91.0E	17.6 E	11
12	8.84	13.2	4.64E	15.7	12.1	17.7	22.4	6.39	3.35E	10.7 E	66.0E	14.8 E	12
13	8.69	8.55	4.32E	13.8	12.0	16.5	18.5	6.34	3.25E	10.4 E	90.0E	12.0 E	13
14	8.03	6.53	4.10E	13.9	11.5	17.5	16.1	5.92	3.16E	9.60E	69.8E	10.7 E	14
15	7.21	5.84	3.90E	17.5	11.1	21.1	15.8	5.40	3.14E	8.60E	53.0E	9.60E	15
16	6.39	5.02	3.75A	21.6	11.2	21.6	13.9	4.91	4.15A	9.47A	43.0E	8.68E	16
17	5.66	4.27	5.00	23.4	11.9	19.0	12.0	4.65	4.30	8.80E	34.6E	9.20E	17
18	4.97	3.89	6.92	19.3	11.4	19.7	10.8	7.27	3.10A	8.42E	28.9E	8.29A	18
19	4.54	3.63	8.24	16.7	11.0	19.6	10.6	5.46	2.89E	8.38E	24.0E	6.40	19
20	4.21	3.66	9.14	17.7	11.5	20.7	10.8	5.01	2.86E	8.01E	20.5E	5.64B	20
21	4.09	3.54	9.39	17.7	11.5	24.4	10.9	6.04	2.76E	12.3 A	18.0E	5.20B	21
22	4.43	3.38	8.48	15.8	13.6	30.2	11.1	5.44	2.72E	10.4 E	26.6E	4.92B	22
23	4.09	3.51	7.27	15.8	13.0	29.0	10.4	5.11	2.67E	9.00E	44.0E	4.63B	23
24	3.82	4.20	6.36	15.3	11.7	25.3	9.03	4.58E	2.63E	8.20E	76.0E	4.44B	24
25	3.97	4.84	5.73	13.2	10.5	22.1	8.05	4.52	2.59E	24.8 E	62.0E	4.23B	25
26	3.68	4.77	5.30	11.6	10.2	18.8	7.83	4.18E	2.54A	27.8 E	48.4E	4.02B	26
27	3.61	4.57	5.24	10.2	11.9	16.2	7.78	3.82E	2.50E	20.0 E	35.0E	3.90B	27
28	3.80	4.59	5.55	9.08	16.7	16.2	8.13	3.42A	2.46E	27.2 E	29.0E	3.72B	28
29	3.74		6.01	8.32	20.8	17.3	8.36	3.38E	2.42E	22.9 E	25.0E	3.52B	29
30	3.44		6.71	7.88	18.3	18.9	8.74	3.14	2.39E	20.7 E	22.9E	3.52B	30
31	3.19		7.83		21.1		8.48	12.0		17.8 E		3.58B	31
TOTAL	184.51	146.90	177.52	414.16	427.42	605.5	415.80	182.68	103.75	440.69	---	351.50	TOTAL
MEAN	5.95	5.25	5.73	13.8	13.8	20.2	13.4	5.89	3.46	14.2	---	11.3	MEAN
MAX	14.1	18.5	9.39	23.4	25.9	30.2	22.4	12.0	6.71	49.8	---	27.0	MAX
MIN	3.18	2.92	3.75	7.88	8.42	14.6	7.78	3.38	2.39	2.32	---	3.53	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 2.32E ON OCT 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 16 N
LONG 121 41 58 W
DRAINAGE AREA, 162 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 900	JUL	35 900
FEB	12 700	AUG	15 800
MAR	15 300	SEP	8 960
APR	35 800	OCT	38 100
MAY	36 900	NOV	---
JUN	52 300	DEC	30 400

SLOCAN RIVER NEAR CRESCENT VALLEY - STATION NO. 08NJ013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.5	27.8	23.3	46.9	136	365	393	134	57.2	28.8	34.0	62.1	1
2	32.1	27.4	23.1	60.1	135	344	374	128	57.0	27.9	32.5	60.6	2
3	31.5	27.3	23.1	72.0	136	341	363	122	55.4	28.3	32.2	59.8	3
4	31.9	27.4	23.0	73.5	151	346	342	116	52.8	30.6	31.8	59.7	4
5	32.2	27.3	22.9	73.6	194	328	328	111	51.1	40.4	31.5	59.0	5
6	32.1	26.6	22.7	76.1	225	314	330	106	49.6	39.7	31.0	57.6	6
7	33.7	26.7	22.9	80.5	206	325	328	103	47.8	36.9	31.0	56.0	7
8	33.0	26.2	24.7	87.9	189	314	303	98.4	46.3	35.3	30.7	54.5	8
9	33.4	26.3	25.1	91.0	178	300	295	94.2	45.3	34.5	36.0	55.3	9
10	34.1	27.0	25.2	88.4	173	326	293	90.3	44.1	34.5	67.7	55.7	10
11	32.7	27.9	25.4	84.7	173	361	292	86.9	43.0	33.9	83.3	55.5	11
12	32.2	28.1	25.2	84.2	174	344	293	84.9	41.8	34.1	74.1	53.5	12
13	32.7	27.5	25.0	84.0	177	325	298	81.9	41.1	33.8	73.3	52.0	13
14	31.9	24.0B	24.9	84.9	175	310	283	79.0	40.1	34.5	78.9	49.9	14
15	31.1	23.5B	24.9	89.7	169	304	265	76.7	38.8	34.3	74.8	49.3	15
16	30.9	23.4B	24.8	95.3	165	310	249	74.0	38.0	34.0	71.2	47.7	16
17	29.7	23.3B	25.1	104	165	327	237	71.4	37.6	33.5	69.6	47.4	17
18	28.4	23.2B	25.9	112	164	337	224	69.5	37.7	33.3	67.6	47.0	18
19	28.0	23.0B	27.0	126	164	345	210	68.1	36.7	32.7	66.2	44.5	19
20	27.7	23.1B	29.4	138	166	365	199	66.3	35.9	32.4	64.6	41.0	20
21	28.3	23.2B	32.0	153	165	378	188	64.5	34.9	32.8	62.5	43.4	21
22	28.7	23.4B	33.5	176	187	382	180	62.8	34.2	31.9	63.0	43.4	22
23	28.8	23.6B	32.8	191	212	408	174	63.1	33.5	31.7	65.8	40.5B	23
24	28.6	23.9	32.0	188	236	438	167	61.4	32.6	31.6	75.6	39.8B	24
25	28.3	24.0	31.3	177	238	451	166	59.8	32.1	30.9	81.1	39.5B	25
26	28.2	23.9	31.2	165	232	443	167	60.5	31.5	30.9	74.6	38.9B	26
27	28.0	23.3	31.1	159	238	420	167	57.6	31.0	31.4	71.8	38.7B	27
28	28.2	23.2	31.9	154	274	404	160	55.6	30.3	31.5	68.7	38.5B	28
29	28.3		32.7	146	374	395	150	53.4	29.7	32.7	66.2	38.1B	29
30	28.4		34.6	140	381	398	144	54.4	29.2	32.5	64.1	37.4B	30
31	28.3		38.8		364		140	57.3		34.4		36.9B	31
TOTAL	942.9	705.5	855.5	3 401.8	6 316	10 748	7 702	2 512.0	1 216.3	1 024.4	1 775.4	1 503.2	TOTAL
MEAN	30.4	25.2	27.6	113	204	358	248	81.0	40.5	33.0	59.2	48.5	MEAN
MAX	34.1	28.1	38.8	191	381	451	393	134	57.2	40.4	83.3	62.1	MAX
MIN	27.7	23.0	22.7	46.9	135	300	140	53.4	29.2	27.9	30.7	36.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 106
MAXIMUM DAILY, 451 ON JUN 25
MINIMUM DAILY, 22.7 ON MAR 06
MAXIMUM INSTANTANEOUS,
460 AT 02:42 PST ON JUN 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 38 N
LONG 117 33 52 W
DRAINAGE AREA, 3 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	81 500	JUL	665 000
FEB	61 000	AUG	217 000
MAR	73 900	SEP	105 000
APR	294 000	OCT	88 500
MAY	546 000	NOV	153 000
JUN	929 000	DEC	130 000

TOTAL DISCHARGE, 3 340 000 dam³

SMITH RIVER ABOVE SMITH FALLS - STATION NO. 10BE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8B	13.6B	14.5B	16.3B	28.3	42.6	45.4	28.7	24.5	21.8	19.0B	16.3B	1
2	15.1B	13.7B	14.6B	16.2B	29.8	44.9	44.0	28.7	24.4	22.5	18.6B	16.4B	2
3	14.9B	13.8B	14.7B	16.1B	30.4	47.0	42.6	28.2	24.1	23.6	18.3B	16.7B	3
4	14.9B	13.8B	14.8B	16.2B	30.4	48.1	41.9	27.5	24.8	24.3	18.1B	16.9B	4
5	14.7B	13.7B	14.9B	16.5B	31.0	48.3	41.3	27.2	25.4	24.1	18.2B	17.2B	5
6	14.6B	13.8B	14.8B	16.3B	33.0	48.0	39.4	27.8	25.3	23.4	18.3B	17.9B	6
7	14.5B	13.8B	14.7B	16.2B	37.0	47.8	38.4	30.0	24.6	23.4	18.9B	18.3B	7
8	14.6B	13.7B	14.6B	16.3B	37.7	47.6	38.0	31.1	24.2	23.3	19.1B	18.7B	8
9	14.5B	13.4B	14.5B	16.6B	36.9	47.1	37.6	29.8	24.0	23.3	18.7B	19.1B	9
10	14.4B	13.4B	14.5B	17.0B	36.3	46.1	37.5	28.8	24.1	23.4	18.5B	19.2B	10
11	14.5B	13.3B	14.5B	17.2B	35.9	45.2	36.6	27.9	24.0	23.3	18.4B	18.9B	11
12	14.7B	13.2B	14.6B	17.4B	35.2	44.2	35.6	27.6	23.5	23.4	18.3B	18.2B	12
13	14.8B	13.3B	14.8B	17.8B	34.9	43.1	35.8	27.3	23.6	23.5	18.2B	18.0B	13
14	14.9B	13.4B	15.1B	18.0B	34.6	42.4	36.1	26.5	23.9	23.1	18.6B	18.0B	14
15	15.0B	13.3B	15.3B	18.1B	34.7	41.4	36.0	26.4	23.9	22.8	18.9B	17.9B	15
16	14.9B	13.2B	15.5B	18.3B	34.7	39.7	35.5	26.0	23.6	21.9	19.1B	17.8B	16
17	14.5B	13.3B	15.6B	18.7E	35.6	38.6	36.8	26.0	23.4	22.3	19.0B	17.5B	17
18	14.4B	13.5B	15.5B	19.1E	37.0	38.4	37.1	24.8	23.7	21.6	18.9B	17.0B	18
19	14.4B	13.8B	15.4B	19.4E	37.8	37.2	36.7	24.7	23.9	21.7	18.7B	16.4B	19
20	14.5B	13.9B	15.3B	19.9A	37.7	35.9	35.9	25.1	24.3	21.7	18.4B	16.3B	20
21	14.6B	14.0B	15.2B	25.5	37.4	35.2	35.3	25.4	23.8	22.0	17.9B	16.3B	21
22	14.5B	13.9B	15.2B	27.0	37.6	34.9	34.7	25.9	23.2	21.9	17.5B	16.5B	22
23	14.3B	14.2B	15.1B	30.2	37.9	34.3	34.5	26.6	22.9	21.4	17.2B	16.2B	23
24	14.1B	14.4B	15.2B	32.6	38.1	34.4	35.0	25.9	22.6	21.3	17.0B	15.9B	24
25	13.9B	14.5B	15.4B	31.3	38.1	36.8	34.7	25.1	22.5	20.3A	16.9B	16.0B	25
26	13.7B	14.6B	15.7B	28.3	38.5	41.5	33.2	25.1	22.6	19.9B	16.8B	15.8B	26
27	13.6B	14.6B	16.0B	26.1	38.2	44.3	32.4	24.2	22.5	19.2B	16.8B	15.3B	27
28	13.5B	14.5B	16.2B	25.5	38.2	44.8	31.5	23.3	22.0	18.9B	16.9B	15.1B	28
29	13.4B		16.4B	25.5	38.6	44.4	30.6	23.4	21.8	18.8B	17.2B	14.9B	29
30	13.4B		16.5B	26.6	39.2	44.2	29.6	23.6	22.1	19.1B	17.1B	14.7B	30
31	13.5B		16.4B		40.8		29.3	24.1		19.5B		14.5B	31
TOTAL	447.0	385.6	471.5	626.2	1 110.6	1 268.4	1 128.6	822.7	709.2	681.4	543.5	523.5	TOTAL
MEAN	14.4	13.8	15.2	20.9	35.8	42.3	36.4	26.5	23.6	22.0	18.1	16.9	MEAN
MAX	15.8	14.6	16.5	32.6	40.8	48.3	45.4	31.1	25.4	24.3	19.1	19.2	MAX
MIN	13.4	13.2	14.5	16.1	28.3	34.3	29.3	23.3	21.8	18.8	16.8	14.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.9
MAXIMUM DAILY, 48.3 ON JUN 05
MINIMUM DAILY, 13.2B ON FEB 12
MAXIMUM INSTANTANEOUS,
48.8 AT 04:11 PST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 39 24 N
LONG 126 27 47 W
DRAINAGE AREA, 3 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 600	JUL	97 500
FEB	33 300	AUG	71 100
MAR	40 700	SEP	61 300
APR	54 100	OCT	58 900
MAY	96 000	NOV	47 000
JUN	110 000	DEC	45 200

TOTAL DISCHARGE, 754 000 dam³

SMOKY CREEK ABOVE DIVERSIONS - STATION NO. 08NJ162

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.012	0.019	0.016	0.199	0.140	0.352	0.048	0.013	0.007	0.002	0.006	0.065	1
2	0.012	0.022	0.015	0.288E	0.127	0.311	0.048	0.012	0.006	0.006	0.004	0.060	2
3	0.014	0.020	0.016	0.290E	0.125	0.269	0.046	0.011	0.005	0.005	0.004	0.058	3
4	0.013	0.020	0.017	0.291	0.118	0.263	0.042	0.011	0.005	0.006	0.006	0.059	4
5	0.012	0.020	0.016	0.344	0.121	0.235	0.038	0.010	0.005	0.003	0.004	0.052	5
6	0.014	0.019	0.016	0.349	0.125	0.191	0.037	0.010	0.006	0.003	0.004	0.047	6
7	0.021	0.020	0.017	0.352	0.112	0.208	0.036	0.009	0.006	0.003	0.006	0.049	7
8	0.022	0.019	0.021	0.387	0.103	0.180	0.034	0.009	0.006	0.003	0.006	0.048	8
9	0.020	0.021	0.020	0.349	0.099	0.161	0.031	0.009	0.004	0.003	0.043	0.058	9
10	0.028	0.020	0.021	0.315	0.089	0.223	0.029	0.008	0.003	0.003	0.035	0.068	10
11	0.030	0.021	0.021	0.298	0.087	0.220	0.028	0.008	0.004	0.003	0.018	0.067	11
12	0.028	0.018	0.021	0.246	0.088	0.226	0.027	0.007	0.003	0.004	0.026	0.061	12
13	0.027	0.019	0.020	0.231	0.080	0.194	0.026	0.007	0.003	0.003	0.031	0.056	13
14	0.024	0.020	0.021	0.247	0.087	0.191	0.024	0.006	0.003	0.003	0.034	0.052	14
15	0.024	0.023	0.022	0.235	0.080	0.159	0.023	0.006	0.003	0.003	0.032	0.050E	15
16	0.022	0.020	0.023	0.253	0.083	0.150	0.022	0.007	0.003	0.003	0.031	0.047	16
17	0.023	0.019	0.025	0.250	0.070	0.127	0.017	0.006	0.003	0.005	0.033	0.049	17
18	0.020	0.019	0.030	0.229	0.068	0.125	0.019	0.009	0.003	0.004	0.030	0.044	18
19	0.022	0.017	0.032	0.202	0.069	0.115	0.017	0.007	0.003	0.004	0.029	0.042B	19
20	0.020	0.018	0.046	0.220	0.069	0.109	0.017	0.007	0.003	0.004	0.029	0.041B	20
21	0.024	0.016	0.052	0.205	0.069	0.099	0.017	0.007	0.003	0.005	0.027	0.040B	21
22	0.022	0.016	0.055	0.208	0.068	0.087	0.016	0.007	0.003	0.005	0.039	0.038B	22
23	0.021	0.016	0.056	0.216	0.069	0.092	0.017	0.007	0.003	0.007	0.066	0.037B	23
24	0.019	0.015	0.058	0.194	0.072	0.072	0.015	0.006	0.003	0.006	0.075E	0.036B	24
25	0.021	0.016	0.059	0.173	0.109	0.068	0.018	0.007	0.002	0.005	0.085	0.035	25
26	0.018	0.016	0.060	0.161	0.110	0.071	0.019	0.007	0.002	0.005	0.084	0.033	26
27	0.019	0.016	0.060	0.152	0.101	0.066	0.020	0.006	0.002	0.004	0.083	0.034	27
28	0.022	0.016	0.064	0.180	0.097	0.060	0.017	0.006	0.002	0.003	0.079	0.031	28
29	0.021		0.069	0.166	0.103	0.056	0.016	0.006	0.002	0.003	0.073	0.031	29
30	0.020		0.077	0.158	0.140	0.050	0.013	0.007	0.002	0.005	0.068	0.029	30
31	0.021		0.106		0.146		0.013	0.007		0.017		0.029	31
TOTAL	0.636	0.521	1.152	7.388	3.024	4.730	0.790	0.245	0.108	0.134	1.091	1.446	TOTAL
MEAN	0.021	0.019	0.037	0.246	0.098	0.158	0.026	0.008	0.004	0.004	0.036	0.047	MEAN
MAX	0.030	0.023	0.106	0.387	0.146	0.352	0.048	0.013	0.007	0.017	0.085	0.068	MAX
MIN	0.012	0.015	0.015	0.152	0.068	0.050	0.013	0.006	0.002	0.002	0.004	0.029	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 0.387 ON APR 08
MINIMUM DAILY, 0.002 ON SEP 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 27 57 N
LONG 117 31 04 W
DRAINAGE AREA, 5.59 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	55.0	JUL	68.3
FEB	45.0	AUG	21.2
MAR	99.5	SEP	9.33
APR	638	OCT	11.6
MAY	261	NOV	94.3
JUN	409	DEC	125

TOTAL DISCHARGE, 1 840 dam³

SOMASS RIVER NEAR ALBERNI - STATION NO. 08HB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	67.5	107	69.8	94.5	61.7	55.5	76.5	28.3	32.3	28.3	258	340	1
2	68.2	121	67.5	96.5	61.6	59.0	58.3	28.6	32.6	27.0	226	297	2
3	67.7	237	63.4	91.7	63.6	116	50.4	26.0	32.4	24.9	206	435	3
4	72.1	218	66.9	80.8	64.2	151	43.3	27.0	32.7	32.7	181	750	4
5	87.7	242	72.0	80.5	65.1	160	42.6	26.9	33.4	33.5	163	603	5
6	125	208	78.5	79.9	68.1	151	46.4	26.2	32.7	32.1	151	474	6
7	201	178	84.0	80.1	67.8	147	45.9	26.6	33.3	30.3	141	385	7
8	220	156	85.6	82.5	65.2	143	45.4	27.0	32.8	28.5	115	372	8
9	214	145	95.2	81.9	62.6	126	45.7	26.7	34.8	27.6	164	335	9
10	207	141	97.5	73.1	58.4	122	44.0	27.0	28.8	28.2	255	300	10
11	191	148	92.6	72.8	53.4	126	42.9	26.0	28.2	24.8	543	255	11
12	176	143	89.1	78.3	53.7	112	42.1	25.0	28.0	31.7	771	199	12
13	166	132	91.7	79.9	53.4	97.8	40.7	25.4	28.3	29.6	738	179	13
14	170	122	105	80.9	52.7	91.1	39.8	27.4	38.0	29.8	613	180	14
15	154	109	101	80.4	50.1	86.0	39.1	27.2	38.4	30.3	521	209	15
16	140	93.6	95.4	84.5	49.7	80.7	38.6	27.3	38.4	28.8	484	182	16
17	128	87.7	92.8	97.1	49.6	75.8	38.8	26.2	36.4	30.8	517	163	17
18	118	83.8	98.6	107	50.0	70.2	35.8	29.7	28.6	39.6	440	152	18
19	107	80.1	101	107	49.5	56.8	35.6	29.4	27.2	43.2	368	138	19
20	101	79.6	103	105	49.0	54.5	33.8	29.8	28.0	44.1	310	115	20
21	97.3	77.3	106	102	49.8	54.2	32.9	30.0	27.8	55.3	268	109	21
22	101	74.2	107	98.9	78.3	51.4	32.4	34.7	58.1	59.5	557	99.6	22
23	99.9	71.1	106	96.9	88.0	48.7	31.8	32.0	58.7	60.7	557	92.3	23
24	97.7	70.4	104	95.9	77.2	45.1	30.5	31.9	57.9	97.0	693	90.7	24
25	124	70.4	101	95.1	64.0	43.4	30.5	32.3	26.6	262	540	86.8	25
26	128	70.3	97.6	92.2	55.2	42.9	31.4	35.6	27.6	289	420	82.4	26
27	128	70.1	94.0	88.5	68.7	42.9	30.7	32.0	30.4	297	345	78.4	27
28	133	69.6	91.3	86.1	81.9	42.4	29.3	31.5	32.5	323	312	74.2	28
29	135		90.9	81.3	70.2	50.9	30.1	32.1	30.4	317	470	71.3	29
30	126		91.8	75.2	74.1	77.4	29.2	34.0	28.7	331	423	69.3	30
31	115		92.8		64.2		26.9	33.1		293		69.2	31
TOTAL	4 066.1	3 405.2	2 833.0	2 646.3	1 921.0	2 577.5	1 220.9	902.9	934.0	3 010.3	11 450	6 986.2	TOTAL
MEAN	131	122	91.4	88.2	62.0	85.9	39.4	29.1	31.1	97.1	382	225	MEAN
MAX	220	242	107	107	88.0	160	76.5	35.6	38.4	331	771	750	MAX
MIN	67.5	69.6	63.4	72.8	49.0	42.4	26.9	25.0	26.6	24.8	115	69.2	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 115
MAXIMUM DAILY, 771 ON NOV 12
MINIMUM DAILY, 24.8 ON OCT 11
MAXIMUM INSTANTANEOUS,
802 AT 21:33 PST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 124 52 00 W
DRAINAGE AREA, 1 280 km²

REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	351 000	JUL	105 000
FEB	294 000	AUG	78 000
MAR	245 000	SEP	80 700
APR	229 000	OCT	260 000
MAY	166 000	NOV	989 000
JUN	223 000	DEC	604 000

TOTAL DISCHARGE, 3 620 000 dam³

SOOKE RIVER ABOVE CHARTERS RIVER - STATION NO. 08HA059

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.68	14.5	13.0	11.0	3.67	3.01	0.537	0.139	0.422	0.083	10.9	34.7	1
2	8.76	33.6	12.0	11.4	3.28	2.83	0.508	0.117	0.282	0.087	7.99	27.9	2
3	9.48	64.4	11.3	10.3	2.94	3.41	0.471	0.115	0.250	0.722	16.8	---	3
4	26.8	29.9	11.5	8.86	2.64	4.72	0.439	0.116	0.206	25.5	18.2 E	---	4
5	42.2	31.1	13.0	7.86	2.34	4.49	0.426	0.117	0.200	7.98	12.3 A	81.6	5
6	46.2	23.4	25.3	7.07	2.19	3.79	0.579	0.115	0.172	4.05	9.11	47.4	6
7	9.40E	15.9	33.4	6.55	2.01	3.06	0.533	0.098	0.167	5.89	12.5	31.2	7
8	8.00E	13.0	23.1	6.16	1.83	2.84	0.452	0.099	0.147	5.33	14.9	46.5	8
9	10.6 E	31.7	20.3	5.44	1.71	2.75	0.439	0.088	0.129	4.86	---	69.2	9
10	31.3	---	39.7	4.91	1.57	3.13	0.379	0.085	0.117	4.97	---	43.4 E	10
11	20.6	---	29.3	4.88	1.54	3.53	0.361	0.085	0.120	3.92	86.4	27.8 E	11
12	18.0	57.0	21.8	5.08	1.41	3.37	0.360	0.085	0.124	8.87	42.9	20.5 A	12
13	15.3	34.7	16.2	4.63	1.35	2.87	0.294	0.089	0.119	6.36	103	17.0	13
14	14.3	20.1	14.8	4.72	1.30	2.35	0.258	0.088	0.115	5.71	45.7	14.8	14
15	11.9	20.3	16.8	4.34	1.29	2.03	0.245	0.083	0.105	13.4	34.8	15.2	15
16	9.31	18.5	16.0	3.91	1.19	1.79	0.242	0.085	0.112	8.53	25.9	14.9	16
17	7.88	14.5	18.8	3.76	1.04	1.53	0.216	0.085	0.098	6.07	25.6	22.5	17
18	6.68	12.1	24.4	3.40	1.00	1.41	0.218	0.098	0.101	7.91	19.4	28.6	18
19	5.69	13.1	22.9	3.21	0.947	1.30	0.193	0.112	0.111	7.95	16.5	19.9 A	19
20	5.09	18.7	25.9	3.61	0.854	1.16	0.187	0.121	0.106	5.94	14.0	15.2 E	20
21	4.77	23.6	24.7	3.10	0.876	1.09	0.197	0.111	0.095	22.6	27.3	12.9 E	21
22	12.7	23.0	18.9	2.91	0.955	0.987	0.181	0.104	0.086	14.2	96.4	11.2 A	22
23	17.2	25.5	14.8	4.00	0.911	0.840	0.181	0.109	0.094	9.91	---	9.57	23
24	26.0	27.9	11.9	4.95	0.743	0.737	0.177	0.104	0.090	7.66	---	8.48	24
25	50.0	27.0	10.2	6.45	0.713	0.656	0.166	0.103	0.085	13.4	49.4	7.74	25
26	28.0	20.9	8.82	7.12	0.654	0.566	0.158	0.094	0.088	18.6	30.0	7.51	26
27	20.7	17.1	8.41	5.97	0.606	0.584	0.166	0.100	0.083	12.7	25.1	14.6 A	27
28	59.3	14.6	9.15	5.93	0.600	0.568	0.160	0.106	0.075	14.7	21.7	9.44A	28
29	39.4		10.1	5.11	0.588	0.576	0.145	0.098	0.081	18.2	65.0	7.16E	29
30	23.6		10.6	4.22	0.546	0.589	0.158	0.128	0.082	25.0	40.8	6.44A	30
31	16.2		11.1		1.37		0.150	0.450		16.3		37.0	31
TOTAL	624.04	---	548.18	170.85	44.663	62.563	9.176	3.527	4.062	299.402	---	---	TOTAL
MEAN	20.1	---	17.7	5.70	1.44	2.09	0.296	0.114	0.135	9.66	---	---	MEAN
MAX	59.3	---	39.7	11.4	3.67	4.72	0.579	0.450	0.422	25.5	---	---	MAX
MIN	4.77	---	8.41	2.91	0.546	0.566	0.145	0.083	0.075	0.083	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.075 ON SEP 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 25 28 N
LONG 123 42 45 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 900	JUL	793
FEB	---	AUG	305
MAR	47 400	SEP	351
APR	14 800	OCT	25 900
MAY	3 860	NOV	---
JUN	5 410	DEC	---

SOUTH PASS CREEK AT THE MOUTH - STATION NO. 08LE106

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.74E	1.62	3.45	2.42	0.822	0.671	0.201	---	---	1
2	---	---	---	1.74A	2.99	3.39	2.45	0.757	0.572	0.525	---	---	2
3	---	---	---	1.82	2.31	3.95	2.15	0.675	0.500	0.593	---	---	3
4	---	---	---	1.68	2.99	4.35	2.19	0.625	0.454	0.541	---	---	4
5	---	---	---	1.61	4.13	3.39	1.98	0.606	0.404	0.477	---	---	5
6	---	---	---	1.66	4.68	2.79	3.97	0.599	0.386	0.335	---	---	6
7	---	---	---	1.73	2.87	4.28	3.45	0.566	0.388	0.315	---	---	7
8	---	---	---	1.69	2.28	3.39	2.64	0.509	0.374	0.283	---	---	8
9	---	---	---	1.54	2.08	2.92	2.16	0.518	0.358	0.333	---	---	9
10	---	---	---	1.38	2.26A	3.80	2.24	0.499	0.337	0.393	---	---	10
11	---	---	---	1.27	2.50E	5.44	2.26	0.491	0.328	0.352	---	---	11
12	---	---	---	1.32	2.55E	7.46	2.32	0.481	0.325	0.451	---	---	12
13	---	---	---	1.39	2.38E	4.89	2.16	0.487	0.308	0.368	---	---	13
14	---	---	---	1.50	2.29E	3.91	1.81	0.508	0.295	0.323	---	---	14
15	---	---	---	1.72	2.21	3.45	1.54	0.470	0.297	0.287	---	---	15
16	---	---	---	1.93	2.12	3.35	1.48	0.448	0.302	0.383	---	---	16
17	---	---	---	2.05	2.13	3.17	1.41	0.404	0.325	0.325A	---	---	17
18	---	---	---	2.14	2.37A	3.20	1.25	0.400	0.278	---	---	---	18
19	---	---	---	2.38	2.50E	3.64	1.12	0.387	0.272	---	---	---	19
20	---	---	---	2.94	2.52E	4.24	1.02	0.364	0.268	---	---	---	20
21	---	---	---	3.14	2.60E	3.57	0.949	0.433	0.241	---	---	---	21
22	---	---	---	3.50	2.85E	3.58	0.933	0.719	0.243	---	---	---	22
23	---	---	---	3.51	3.15E	3.75	1.01	0.853	0.230	---	---	---	23
24	---	---	---	4.33	3.48E	3.60	0.976	0.532	0.233	---	---	---	24
25	---	---	---	3.01	3.45E	3.23	0.888	0.529	0.232	---	---	---	25
26	---	---	---	2.46	3.42E	2.87	0.939	0.558	0.225	---	---	---	26
27	---	---	---	2.13	3.60E	2.65	0.895	0.439	0.226	---	---	---	27
28	---	---	---	1.95	4.00E	2.47	0.807	0.379	0.208	---	---	---	28
29	---	---	---	1.76	4.40E	2.28	0.767	0.376	0.201	---	---	---	29
30	---		---	1.61	4.58A	2.45	0.767	1.33	0.210	---	---	---	30
31	---		---		3.91		0.748	0.889		---	---	---	31
TOTAL	---	---	---	62.53	90.22	108.21	52.899	17.653	9.691	---	---	---	TOTAL
MEAN	---	---	---	2.08	2.91	3.61	1.71	0.570	0.323	---	---	---	MEAN
MAX	---	---	---	4.33	4.68	7.46	3.97	1.33	0.671	---	---	---	MAX
MIN	---	---	---	1.27	1.62	2.28	0.748	0.364	0.201	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.46 ON JUN 12

MAXIMUM INSTANTANEOUS,
8.91 AT 06:57 PST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 35 N
LONG 118 28 28 W
DRAINAGE AREA, 30.2 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 570
FEB	---	AUG	1 530
MAR	---	SEP	837
APR	5 400	OCT	---
MAY	7 800	NOV	---
JUN	9 350	DEC	---

SOUTH THOMPSON RIVER AT CHASE - STATION NO. 08LE031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	164	130B	114	130	386	748	1 120	623	294	175	140	198	1
2	163	129B	114	133	389	767	1 110	603	292	168	139	197	2
3	159	128B	113	138	393	787	1 110	583	288	164	138	196	3
4	158	127B	113	142	395	812	1 100	565	282	164	138	199	4
5	157	127B	113	148	404	840	1 090	546	277	162	140	197	5
6	157	127B	113	154	416	858	1 090	531	273	158	137	194	6
7	156	127	112	160	436	869	1 090	514	268	157	138	192	7
8	155	127	114	170	454	880	1 090	497	263	155	139	191	8
9	153	125	112	175	461	890	1 080	480	260	155	141	191	9
10	152	124	113	179	469	901	1 070	466	254	153	144	189	10
11	150	125	114	185	477	922	1 050	453	248	150	146	187	11
12	148	124	115	193	486	966	1 040	443	244	150	149	184	12
13	149	126	114	196	492	1 030	1 030	430	238	151	159	183	13
14	149	125	114	201	498	1 060	1 020	418	235	148	166	180	14
15	147	125	114	206	501	1 070	1 000	406	231	147	176	181	15
16	147	125B	115	212	503	1 080	984	395	226	148	183	179	16
17	145	124B	115	218	506	1 090	960	383	222	147	190	177	17
18	143	122B	115	227	510	1 100	940	374	217	147	191	180	18
19	142	120B	116	233	514	1 100	916	367	215	147	193	181	19
20	141	118B	117	244	520	1 120	891	357	210	145	197	180B	20
21	140	117B	119	259	525	1 130	867	346	207	144	197	177B	21
22	141	116B	123	273	529	1 130	844	339	203	145	198	172B	22
23	141	116B	122	288	538	1 140	820	331	200	144	202	170B	23
24	138	116B	125	309	549	1 150	794	327	197	144	201	160B	24
25	139	116B	124	325	564	1 150	773	322	195	145	200	165B	25
26	137	116B	127	346	587	1 160	752	317	191	144	197	160B	26
27	134	116	128	359	609	1 150	727	312	186	141	199	157B	27
28	134	115	127	369	624	1 150	705	308	183	144	198	152B	28
29	135		128	377	645	1 140	683	302	181	141	202	145B	29
30	133B		128	383	677	1 130	662	298	176	142	200	136B	30
31	131B		130		719		641	295		141		130B	31
TOTAL	4 538	3 433	3 659	6 932	15 776	30 320	29 049	12 931	6 956	4 666	5 138	5 488	TOTAL
MEAN	146	123	118	231	509	1 010	937	417	232	151	171	177	MEAN
MAX	164	130	130	383	719	1 160	1 120	623	294	175	202	199	MAX
MIN	131	115	112	130	386	748	641	295	176	141	137	130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 353
MAXIMUM DAILY, 1 160 ON JUN 26
MINIMUM DAILY, 112 ON MAR 07
MAXIMUM INSTANTANEOUS,
1 160 AT 15:49 PST ON JUN 26

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 54 N
LONG 119 44 25 W
DRAINAGE AREA, 16 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	392 000	JUL	2 510 000
FEB	297 000	AUG	1 120 000
MAR	316 000	SEP	601 000
APR	599 000	OCT	403 000
MAY	1 160 000	NOV	444 000
JUN	2 620 000	DEC	474 000

TOTAL DISCHARGE, 11 100 000 dam³

SPAHATS CREEK NEAR THE MOUTH - STATION NO. 08LA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.220	1.29	9.13	7.40	1.41	2.30	0.175E	---	---	1
2	---	---	---	0.226	1.41	8.48	7.74	1.32	1.37	0.181E	---	---	2
3	---	---	---	0.469	1.43	9.09	8.70	1.20	1.25	0.180	---	---	3
4	---	---	---	0.478	2.37	8.92	6.97	0.924	1.25	---	---	---	4
5	---	---	---	0.528	4.66	8.54	7.93E	0.924	0.732	---	---	---	5
6	---	---	---	0.588	7.22	8.39	8.89	0.799	0.638	---	---	---	6
7	---	---	---	0.730	7.94	8.00	8.49	0.659	0.524	---	---	---	7
8	---	---	---	0.834	3.46	7.82	6.87	0.690	0.638	---	---	---	8
9	---	---	---	0.724	2.70	6.99	8.16	0.614	1.48	---	---	---	9
10	---	---	---	0.582	2.41	7.04	7.02	0.584	0.565	---	---	---	10
11	---	---	---	0.577	2.51	7.04	6.76	0.584	0.472	---	---	---	11
12	---	---	---	0.527	2.45	10.2	7.29	0.556	0.423	---	---	---	12
13	---	---	---	0.582	2.28	9.47	6.86	0.515	0.485	---	---	---	13
14	---	---	---	0.627	2.14	9.05	7.45	0.482	0.447	---	---	---	14
15	---	---	---	0.607	2.14	8.77	4.89	0.439	0.306	---	---	---	15
16	---	---	---	0.633	2.17	9.47	4.59	0.427	0.298	---	---	---	16
17	---	---	---	0.888	2.34	8.84	3.46	0.451	0.623	---	---	---	17
18	---	---	---	1.07	2.59	9.12	3.20	0.485E	0.485E	---	---	---	18
19	---	---	---	1.78	2.55	9.26	2.99	0.527	0.380	---	---	---	19
20	---	---	---	2.09	2.79	9.19	2.76	0.403	0.346	---	---	---	20
21	---	---	---	2.54	4.59	9.11	2.69	0.353	0.298	---	---	---	21
22	---	---	---	2.55	4.24	9.11	2.71	0.600E	0.323	---	---	---	22
23	---	---	---	2.40	4.14	11.6	2.71	0.650E	0.282	---	---	---	23
24	---	---	---	3.07	6.01	8.59	2.72	1.25	0.266	---	---	---	24
25	---	---	---	2.54	9.35	8.32	2.21	0.596	0.221	---	---	---	25
26	---	---	---	2.62	6.50	8.17	2.72	1.04	0.192	---	---	---	26
27	---	---	---	1.82	6.65	8.02	2.72	0.767	0.209	---	---	---	27
28	---	---	---	1.45	9.63	7.92	2.74	0.610	0.197	---	---	---	28
29	---	---	---	1.33	12.1	7.57	1.67	0.513	0.186	---	---	---	29
30	---		---	1.24	12.7	7.71	1.26	1.13	0.165	---	---	---	30
31	---		---		10.4		1.67	1.69		---		---	31
TOTAL	---	---	---	36.320	145.18	258.93	154.24	23.392	17.351	---	---	---	TOTAL
MEAN	---	---	---	1.21	4.68	8.63	4.98	0.755	0.578	---	---	---	MEAN
MAX	---	---	---	3.07	12.7	11.6	8.89	1.69	2.30	---	---	---	MAX
MIN	---	---	---	0.220	1.29	6.99	1.26	0.353	0.165	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 12.7 ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 44 03 N
LONG 120 00 27 W
DRAINAGE AREA, 52.5 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 300
FEB	---	AUG	2 020
MAR	---	SEP	1 500
APR	3 140	OCT	---
MAY	12 500	NOV	---
JUN	22 400	DEC	---

SPAHOMIN CREEK NEAR THE MOUTH - STATION NO. 08LG060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.285B	0.370B	0.485B	0.498	1.15	4.97	2.47	0.851	0.431	0.161	0.058	0.220B	1
2	0.315B	0.330B	0.470B	0.491	1.18	5.58	2.23	0.817	0.423	0.157	0.049	0.230B	2
3	0.350B	0.290B	0.475B	0.455	1.18	7.26	2.16	0.799	0.413	0.147	0.058	0.240B	3
4	0.390B	0.270B	0.500B	0.408	1.16	7.58	2.11	0.772	0.393	0.146	0.068	0.252	4
5	0.440B	0.290B	0.525B	0.385	1.15	7.10	2.12	0.742	0.383	0.155	0.077	0.279	5
6	0.500B	0.320B	0.490B	0.384	1.11	6.21	2.13	0.719	0.368	0.143	0.052	0.260	6
7	0.460B	0.380B	0.475B	0.379	1.13	6.03	2.06	0.679	0.348	0.139	0.073	0.238	7
8	0.425B	0.350B	0.460B	0.402	1.28	5.55	1.95	0.662	0.345	0.114	0.079	0.247	8
9	0.410B	0.310B	0.442B	0.404	1.29	4.92	1.92	0.667	0.351	0.116	0.097	0.249	9
10	0.390B	0.360B	0.353	0.412	1.30	5.02	1.86	0.652	0.322	0.138	0.125	0.253	10
11	0.385B	0.420B	0.337	0.473	1.33	5.20	1.75	0.670	0.311	0.126	0.131	0.292	11
12	0.380B	0.400B	0.348	0.546	1.41	5.31	1.57	0.658	0.301	0.110	0.116	0.292	12
13	0.375B	0.370B	0.351	0.557	1.47	5.24	1.36	0.688	0.291	0.107	0.110	0.310B	13
14	0.370B	0.330B	0.363	0.562	1.48	5.09	1.31	0.699	0.267	0.103	0.110	0.330B	14
15	0.365B	0.300B	0.372	0.562	1.54	5.17	1.36	0.642A	0.256	0.089	0.115	0.350B	15
16	0.360B	0.275B	0.372	0.585	1.58	5.27	1.29	0.618E	0.273	0.093	0.124	0.370B	16
17	0.358B	0.250B	0.412	0.595	1.60	5.04	1.20	0.595E	0.271	0.104	0.126	0.382B	17
18	0.355B	0.260B	0.465	0.627	1.64	4.95	1.25	0.560E	0.265	0.103	0.104	0.350B	18
19	0.353B	0.270B	0.444	0.655	1.65	4.85	1.19	0.570E	0.266	0.096	0.123	0.320B	19
20	0.350B	0.290B	0.422	0.684	1.70	4.56	1.18	0.580E	0.228	0.089	0.115	0.270B	20
21	0.360B	0.310B	0.419	0.707	1.71	4.47	1.13	0.600E	0.204	0.080	0.097	0.250B	21
22	0.380B	0.340B	0.377	0.745	1.77	4.16	1.09	0.550E	0.208	0.081	0.138	0.240B	22
23	0.400B	0.370B	0.353	0.853	1.93	4.37	1.11	0.533A	0.194	0.092	0.169	0.210B	23
24	0.420B	0.410B	0.309	0.903	2.25	3.87	1.03	0.484	0.177	0.081	0.149	0.215B	24
25	0.440B	0.450B	0.383	0.950	2.44	3.50	0.998	0.514	0.175	0.076	0.128	0.220B	25
26	0.460B	0.480B	0.412	0.962	2.60	3.46	0.967	0.499	0.183	0.062	0.250B	0.210B	26
27	0.450B	0.485B	0.397	0.973	3.33	3.32	0.914	0.463	0.183	0.065	0.248B	0.200B	27
28	0.440B	0.490B	0.400	1.06	4.08	3.11	0.911	0.427	0.173	0.066	0.242B	0.140B	28
29	0.425B		0.407	1.11	4.22	3.10	0.911	0.435	0.175	0.065	0.236B	0.140B	29
30	0.410B		0.441	1.13	4.48	3.00	0.924	0.483	0.174	0.066	0.232B	0.145B	30
31	0.402B		0.479		5.01		0.929	0.457		0.064		0.155B	31
TOTAL	12.203	9.770	12.938	19.457	61.15	147.26	45.384	19.085	8.352	3.234	3.799	7.859	TOTAL
MEAN	0.394	0.349	0.417	0.649	1.97	4.91	1.46	0.616	0.278	0.104	0.127	0.254	MEAN
MAX	0.500	0.490	0.525	1.13	5.01	7.58	2.47	0.851	0.431	0.161	0.250	0.382	MAX
MIN	0.285	0.250	0.309	0.379	1.11	3.00	0.911	0.427	0.173	0.062	0.049	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.960
MAXIMUM DAILY, 7.58 ON JUN 04
MINIMUM DAILY, 0.049 ON NOV 02
MAXIMUM INSTANTANEOUS,
8.64 AT 15:37 PST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 08 N
LONG 120 16 30 W
DRAINAGE AREA, 241 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	3 920
FEB	844	AUG	1 650
MAR	1 120	SEP	722
APR	1 680	OCT	279
MAY	5 280	NOV	328
JUN	12 700	DEC	679

TOTAL DISCHARGE, 30 300 dam³

SPATSIZI RIVER NEAR THE MOUTH - STATION NO. 08CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	7.65B	7.95B	7.75B	22.0	554	194	67.1	53.2	34.0	19.9	11.6 B	1
2	10.7 B	7.60B	8.00B	7.75B	23.1	585	205	59.1	46.1	33.4	19.0	11.4 B	2
3	10.5 B	7.70B	8.00B	7.80B	24.6	492	196	53.0	42.2	32.2	19.5	11.5 B	3
4	10.2 B	7.70B	8.00B	7.85B	27.6	429	185	51.0	39.5	30.2	18.6	11.7 B	4
5	9.95B	7.75B	8.00B	7.90B	33.0	393	171	52.0	39.0	28.1	15.9	12.2 B	5
6	9.80B	7.75B	7.95B	8.00B	47.2	371	161	53.9	39.6	26.2	14.9B	12.6 B	6
7	9.75B	7.75B	7.90B	8.10B	50.6	359	162	55.2	36.4	26.3	14.5B	12.7 B	7
8	9.80B	7.75B	7.85B	8.20B	51.2	340	159	51.4	36.7	26.9	14.4B	12.8 B	8
9	9.90B	7.70B	7.80B	8.40B	54.0	306	152	49.7	35.6	28.1	14.1B	12.8 B	9
10	9.95B	7.65B	7.80B	8.50B	59.7	271	143	51.8	34.3	28.3	13.7B	12.6 B	10
11	10.0 B	7.55B	7.85B	8.60B	68.8	265	154	52.2	33.8	26.5	13.2B	12.2 B	11
12	10.1 B	7.50B	7.90B	8.80B	75.7	289	137	54.9	34.5	25.8	13.3B	11.8 B	12
13	10.2 B	7.45B	7.95B	9.00B	79.7	302	123	54.9	34.7	25.7	13.4B	11.6 B	13
14	10.3 B	7.39B	8.00B	9.20B	82.5	313	106	55.5	33.4	24.9	13.8B	11.5 B	14
15	10.2 B	7.30B	8.00B	9.40B	93.9	318	92.9	60.4	32.3	23.1	14.3B	11.4 B	15
16	10.1 B	7.25B	7.95B	9.70B	114	300	93.6	59.1	32.4	24.9	14.7B	11.2 B	16
17	9.95B	7.20B	7.95B	9.90B	135	252	94.4	56.8	31.9	22.7	14.9B	10.8 B	17
18	9.95B	7.20B	7.90B	10.1 B	161	218	85.0	53.3	29.5	21.6	14.8B	10.6 B	18
19	9.95B	7.20B	7.75B	10.5 B	179	199	82.4	49.0	29.4	21.7	14.5B	10.6 B	19
20	10.0 B	7.25B	7.60B	10.8 B	184	187	80.7	47.5	30.2	22.8	14.0B	10.7 B	20
21	10.0 B	7.40B	7.50B	11.1 B	188	182	77.8	50.0	35.6	23.9	13.6B	11.0 B	21
22	10.0 B	7.55B	7.40B	11.5 B	200	230	82.8	48.6	42.8	22.8	13.5B	11.3 B	22
23	10.0 B	7.65B	7.40B	11.9 B	219	554	85.6	46.8	40.2	23.0	13.4B	11.4 B	23
24	9.95B	7.80B	7.40B	12.4 B	210	529	88.5	40.6	39.7	23.2	13.6B	11.4 B	24
25	9.85B	7.85B	7.40B	12.9 B	191	197	89.4	36.7	37.5	21.3	14.1B	11.2 B	25
26	9.60B	7.90B	7.40B	13.5 B	186	152	84.5	35.2	35.2	19.8	14.3B	10.6 B	26
27	9.20B	7.90B	7.45B	14.3 B	209	147	73.4	34.0	32.5	21.7	14.4B	9.90B	27
28	8.90B	7.95B	7.55B	15.2 B	262	158	65.8	34.0	31.9	21.9	14.2B	9.30B	28
29	8.40B		7.60B	17.5 B	319	166	61.8	35.8	37.5	21.2	13.5B	9.20B	29
30	8.05B		7.70B	19.5 B	378	184	61.8	40.0	36.7	22.0	12.8B	9.30B	30
31	7.80B		7.75B		441		65.9	51.5		21.5		9.20B	31
TOTAL	303.85	212.29	240.65	316.05	4 369.6	8 642	3 614.3	1 535.6	1 094.3	775.7	442.4	348.10	TOTAL
MEAN	9.80	7.58	7.76	10.5	141	288	117	49.5	36.5	25.0	14.7	11.2	MEAN
MAX	10.8	7.95	8.00	19.5	441	585	205	67.1	53.2	34.0	19.9	12.8	MAX
MIN	7.80	7.20	7.40	7.75	22.0	147	61.8	34.0	29.4	19.8	12.8	9.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.0
MAXIMUM DAILY, 585 ON JUN 02
MINIMUM DAILY, 7.20B ON FEB 17
MAXIMUM INSTANTANEOUS,
601 AT 02:10 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 40 13 N
LONG 128 06 12 W
DRAINAGE AREA, 3 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 300	JUL	312 000
FEB	18 300	AUG	133 000
MAR	20 600	SEP	94 500
APR	27 300	OCT	67 000
MAY	378 000	NOV	38 200
JUN	747 000	DEC	30 100

TOTAL DISCHARGE, 1 890 000 dam³

SPIUS CREEK NEAR CANFORD - STATION NO. 08LG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.22B	1.20B	2.60B	11.0	18.1	30.9	13.3	1.71	1.62	0.693	10.8	12.8 B	1
2	3.00B	1.25B	2.55B	15.3	18.4	27.0	13.1	1.67	1.29	0.883	9.97	12.7 B	2
3	2.80B	1.50B	2.55B	17.2	20.3	32.3	12.9	1.54	1.18	1.06	10.0	12.6	3
4	3.95B	1.60B	2.64B	16.0	22.5	34.2	11.6	1.49	1.01	6.87	10.2	20.8	4
5	3.85B	2.05B	2.73B	16.1	37.8	25.1	10.6	1.47	0.909	10.2	10.1	18.2	5
6	4.25B	2.15B	2.76B	17.4	48.8	23.9	11.0	1.33	0.816	5.72	8.88	14.9	6
7	4.80B	2.20B	2.76B	18.8	33.3	26.7	14.2	1.29	0.745	4.40	9.75	13.6	7
8	5.00B	2.30B	2.66	21.0	24.9	23.8	11.1	1.17	0.718	3.72	9.65	12.9	8
9	4.80B	2.35B	2.56	19.2	22.0	22.8	10.4	1.09	0.710	3.58	14.6	13.1	9
10	4.70B	2.45B	2.64	17.6	22.0	37.6	8.80	1.09	0.670	6.21	89.7	11.6	10
11	3.90B	2.60B	2.52	17.3	23.6	26.8	8.22	1.04	0.687	5.67	115	10.6	11
12	3.40B	2.60B	2.32	18.4	26.5	22.7	8.07	1.11	0.626	4.89	60.5	9.75	12
13	4.70B	2.45B	2.33	19.5	25.2	21.7	7.51	1.08	0.625	4.51	101	8.26	13
14	5.00B	2.20B	2.37	18.9	23.7	21.8	6.43	1.06	0.596	3.82	47.7	7.87B	14
15	4.25B	2.00B	2.25	21.3	23.1	26.0	5.64	1.02	0.602	3.52	39.6 E	7.48B	15
16	3.85B	1.70B	2.27	22.6	23.6	34.0	5.08	0.972	1.85	3.36	33.4	7.09B	16
17	3.30B	1.60B	2.61	25.0	24.6	31.7	4.53	0.935	3.64	3.22	29.3	6.68B	17
18	2.10B	1.50B	3.03	31.1	26.6	31.0	3.90	0.991	1.97	3.26	22.6	6.28B	18
19	1.30B	1.45B	3.53	31.2	25.4	27.3	3.64	1.02	1.44	3.42	20.5	4.00B	19
20	1.30B	1.50B	4.06	36.9	24.8	24.8	3.24	0.956	1.23	3.29	17.3	3.50B	20
21	1.80B	1.70B	4.65	39.5	23.4	24.9	2.87	1.04	1.15	3.29	14.7	3.00B	21
22	2.10B	1.90B	4.45	36.0	24.9	28.5	2.71	1.27	1.01	4.66	15.3	3.00B	22
23	2.45B	2.00B	4.35	35.5	24.9	30.3	2.65	1.18	0.911	4.44	31.8	3.05B	23
24	2.75B	2.20B	4.03	33.3	22.8	24.1	2.94	1.19	0.864	4.26	19.6	3.15B	24
25	3.70B	2.35B	4.12	26.2	22.1	20.7	3.13	1.30	0.839	12.1	14.8 B	3.20B	25
26	3.30B	2.50B	4.33	23.1	22.3	18.9	3.49	1.30	0.794	24.6	14.0 B	3.18B	26
27	2.90B	2.74B	4.44	20.7	24.7	17.0	3.11	1.13	0.888	16.9	13.5 B	2.90B	27
28	2.80B	2.66B	4.81	20.6	37.2	15.8	2.51	1.04	0.832	16.9	13.2 B	2.70B	28
29	2.40B		5.39	18.8	47.1	15.2	2.14	0.932	0.767	14.4	13.0 B	2.40B	29
30	2.43B		6.43	17.3	41.5	14.7	1.97	0.965	0.757	13.4	12.9 B	2.50B	30
31	1.80B		8.69		39.4		1.84	1.69		12.0		2.60B	31
TOTAL	101.90	56.70	109.43	684.8	845.5	762.2	202.62	37.071	31.746	207.246	833.35	246.40	TOTAL
MEAN	3.29	2.03	3.53	22.8	27.3	25.4	6.54	1.20	1.06	6.69	27.8	7.95	MEAN
MAX	5.00	2.74	8.69	39.5	48.8	37.6	14.2	1.71	3.64	24.6	115	20.8	MAX
MIN	1.30	1.20	2.25	11.0	18.1	14.7	1.84	0.932	0.596	0.693	8.88	2.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 115 ON NOV 11
MINIMUM DAILY, 0.596 ON SEP 14
MAXIMUM INSTANTANEOUS
179 AT 03:14 PST ON NOV 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 07 N
LONG 121 01 47 W
DRAINAGE AREA, 780 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 800	JUL	17 500
FEB	4 900	AUG	3 200
MAR	9 450	SEP	2 740
APR	59 200	OCT	17 900
MAY	73 100	NOV	72 000
JUN	65 900	DEC	21 300

TOTAL DISCHARGE, 356 000 dam³

SPLIT CREEK AT THE MOUTH - STATION NO. 08NB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.357E	0.192E	0.291E	0.333E	1.05	6.82	8.26	5.68E	1.87	1.02	0.757	0.873	1
2	0.352E	0.220E	0.293E	0.343E	1.05	6.19	7.78	5.21E	1.79	1.02	0.709	0.899B	2
3	0.358E	0.290E	0.292E	0.353E	1.06	6.01	7.89	4.54E	1.74	1.02	0.635	0.845B	3
4	0.373E	0.359E	0.291E	0.362A	1.25	6.01	7.19	4.50E	1.63	1.32 E	0.619	0.779	4
5	0.397E	0.356E	0.298E	0.376E	1.77	5.69	6.77	4.82E	1.60	0.984	0.622	0.707	5
6	0.440E	0.343E	0.303A	0.392A	2.68	5.40	8.11	5.28E	1.54	0.983	0.624	0.666	6
7	0.530E	0.336A	0.308E	0.433	2.69	5.18	9.25	5.27E	1.46	0.969	0.616	0.678	7
8	0.560E	0.312E	0.295E	0.442	2.38	4.89	9.94	4.90E	1.44	0.970	0.622	0.636	8
9	0.518A	0.307E	0.281E	0.434	2.05	4.67	9.23	4.80E	1.39	0.967	0.604	0.648	9
10	0.390E	0.330E	0.284E	0.415	1.96	5.23	8.78	5.00E	1.33	0.967	0.592	0.644	10
11	0.285E	0.379E	0.280E	0.425	1.96	6.96	8.66	5.13E	1.32	0.936	0.604	0.611	11
12	0.236E	0.350E	0.275E	0.442	1.98	6.97	9.43	5.22E	1.31	0.928	0.612	0.570B	12
13	0.274E	0.275E	0.265E	0.449	1.99	6.60	9.39	5.43E	1.30	0.895	0.620	0.512B	13
14	0.315E	0.215E	0.267E	0.468	2.00	6.44	8.26	5.63E	1.25	0.871	0.620	0.479B	14
15	0.338E	0.199E	0.277E	0.500	2.00	6.44	7.33	5.50E	1.23	0.856	0.626	0.455B	15
16	0.323E	0.190E	0.280E	0.545	2.03	6.78	7.01	5.15E	1.22	0.831	0.618	0.456B	16
17	0.295E	0.225E	0.279E	0.616	2.06	7.48	6.77	4.70E	1.20	0.779	0.608	0.460B	17
18	0.260E	0.239E	0.280E	0.711	2.15	7.68	5.88	4.24E	1.20	0.768	0.621	0.449B	18
19	0.238E	0.250E	0.280E	0.806	2.32	7.67	5.18	4.14E	1.19	0.761	0.626	0.432B	19
20	0.237E	0.270E	0.281E	0.940	2.50	7.47A	5.02	4.30E	1.18	0.742	0.628	0.415B	20
21	0.260E	0.330E	0.295E	1.10	2.69	7.82E	4.91	4.60E	1.14	0.747	0.615	0.401B	21
22	0.295E	0.358E	0.265E	1.15	2.75	9.00E	4.84A	4.98E	1.09	0.740	0.603	0.410B	22
23	0.311E	0.351E	0.268E	1.39	3.35	10.1 E	5.21E	4.20E	1.10	0.740	0.612	0.422B	23
24	0.308E	0.340E	0.275E	1.52	3.89	10.4 E	5.83E	2.80E	1.13	0.760	0.619	0.452B	24
25	0.305E	0.338E	0.282E	1.53	4.98	10.2 E	5.36E	2.45E	1.08	0.747	0.615	0.468B	25
26	0.290E	0.321E	0.290E	1.42	5.41	9.74E	5.41E	2.34E	1.04	0.745	0.704	0.463B	26
27	0.269E	0.308E	0.300E	1.35	5.52	9.25A	5.67E	2.18E	1.05	0.721	1.08	0.430B	27
28	0.280E	0.292E	0.308E	1.25	5.74	8.71	5.48E	1.95E	1.04	0.716	0.850B	0.390B	28
29	0.299E		0.313E	1.15	6.12	7.93	5.33E	1.78E	1.04	0.729	0.806B	0.398B	29
30	0.240E		0.319E	1.06	7.56	7.83	5.58E	1.80A	1.02	0.747	0.780	0.440B	30
31	0.196E		0.325E		7.05		5.58E	1.85		0.751		0.465B	31
TOTAL	10.129	8.275	8.940	22.705	93.99	217.56	215.33	130.37	38.92	26.730	19.867	16.953	TOTAL
MEAN	0.327	0.296	0.288	0.757	3.03	7.25	6.95	4.21	1.30	0.862	0.662	0.547	MEAN
MAX	0.560	0.379	0.325	1.53	7.56	10.4	9.94	5.68	1.87	1.32	1.08	0.899	MAX
MIN	0.196	0.190	0.265	0.333	1.05	4.67	4.84	1.78	1.02	0.716	0.592	0.390	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.22
MAXIMUM DAILY, 10.4E ON JUN 24
MINIMUM DAILY, 0.190E ON FEB 16

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 37 N
LONG 116 53 55 W
DRAINAGE AREA, 81.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	875	JUL	18 600
FEB	715	AUG	11 300
MAR	772	SEP	3 360
APR	1 960	OCT	2 310
MAY	8 120	NOV	1 720
JUN	18 800	DEC	1 460

TOTAL DISCHARGE, 70 000 dam³

SPROAT LAKE NEAR ALBERNI - STATION NO. 08HB015

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.554	1.947	1.607	1.784	1.630	1.539	1.492	1.170	1.015	0.851	2.690	3.124	1
2	1.564	1.939	1.583	1.786	1.623	1.525	1.490	1.162	0.999	0.845	2.564	2.968	2
3	1.564	2.357	1.577	1.778	1.615	1.735	1.486	1.154	1.009	0.851	2.504	3.320	3
4	1.576	2.363	1.607	1.766	1.617	1.807	1.474	1.140	1.001	1.005	2.410	3.393	4
5	1.658	2.429	1.621	1.760	1.613	1.821	1.450	1.138	0.991	1.021	2.360	3.848	5
6	1.938	2.411	1.637	1.748	1.615	1.831	1.452	1.124	0.991	1.018	2.264	3.614	6
7	2.238	2.365	1.695	1.736	1.605	1.865	1.446	1.116	0.985	1.038	2.262	3.550	7
8	2.366	2.283	1.709	1.728	1.591	1.883	1.424	1.110	0.971	1.038	2.214	3.310	8
9	2.412	2.217	1.735	1.712	1.571	1.887	1.448	1.102	0.965	1.052	2.348	3.190	9
10	2.390	2.169	1.753	1.708	1.551	1.887	1.406	1.098	0.961	1.078	2.538	3.034	10
11	2.330	2.187	1.754	1.724	1.543	1.881	1.388	1.090	0.959	1.102	3.204	2.882	11
12	2.280	2.165	1.748	1.714	1.527	1.845	1.376	1.086	0.951	1.178	3.850	2.764	12
13	2.254	2.159	1.752	1.710	1.527	1.811	1.372	1.068	0.945	1.204	3.830	2.642	13
14	2.242	2.065	1.748	1.708	1.513	1.811	1.364	1.064	0.931	1.218	3.760	2.570	14
15	2.192	2.019	1.726	1.706	1.511	1.779	1.342	1.045	0.931	1.222	3.558	2.540	15
16	2.152	1.981	1.718	1.714	1.487	1.747	1.332	1.051	0.935	1.224	3.530	2.444	16
17	2.093	1.917	1.716	1.756	1.487	1.715	1.324	1.055	0.931	1.244	3.512	2.370	17
18	2.041	1.863	1.774	1.769	1.473	1.687	1.312	1.049	0.923	1.220	3.324	2.300	18
19	1.969	1.709	1.808	1.768	1.467	1.661	1.290	1.055	0.919	1.232	3.162	2.254	19
20	1.933	1.793	1.832	1.764	1.469	1.633	1.286	1.051	0.917	1.328	3.004	2.144	20
21	1.907	1.759	1.854	1.748	1.461	1.623	1.278	1.045	0.911	1.440	2.878	2.078	21
22	1.909	1.725	1.876	1.748	1.535	1.587	1.270	1.033	0.891	1.446	2.802	2.012	22
23	1.889	1.679	1.870	1.744	1.543	1.556	1.262	1.029	0.883	1.502	3.672	1.944	23
24	1.871	1.655	1.856	1.736	1.541	1.544	1.242	1.021	0.881	1.722	3.828	1.898	24
25	1.985	1.637	1.832	1.728	1.531	1.522	1.240	1.019	0.879	2.500	3.584	1.833	25
26	2.007	1.627	1.808	1.718	1.529	1.506	1.228	1.001	0.873	2.608	3.386	1.796	26
27	2.005	1.625	1.780	1.682	1.525	1.480	1.218	0.997	0.865	2.604	3.176	1.744	27
28	2.007	1.593	1.764	1.672	1.551	1.466	1.208	0.991	0.865	2.752	3.038	1.712	28
29	2.009		1.756	1.664	1.547	1.478	1.200	0.987	0.855	2.784	3.402	1.670	29
30	2.007		1.762	1.650	1.553	1.506	1.182	0.989	0.841	2.852	3.276	1.640	30
31	1.973		1.770		1.543		1.178	1.015		2.964		1.618	31
MEAN	2.010	1.987	1.743	1.731	1.545	1.687	1.337	1.066	0.932	1.524	3.064	2.523	MEAN
MAX	2.412	2.429	1.876	1.786	1.630	1.887	1.492	1.170	1.015	2.964	3.850	3.848	MAX
MIN	1.554	1.593	1.577	1.650	1.461	1.466	1.178	0.987	0.841	0.845	2.214	1.618	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 1.760
MAXIMUM DAILY, 3.850 ON NOV 12
MINIMUM DAILY, 0.841 ON SEP 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 05 N
LONG 124 55 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1956

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SPROAT RIVER NEAR ALBERNI - STATION NO. 08HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.9A	42.4	21.0	31.3	23.4	20.5E	16.0	4.11	2.29	1.77	89.3A	127	1
2	19.1A	43.0	20.6	31.8	22.9	20.0E	15.7	3.85	2.37	1.67	83.0E	113	2
3	19.1A	66.5A	20.2	31.5	22.5A	21.5E	15.1 A	3.62	2.29	1.70	77.0E	134	3
4	20.0A	67.9A	21.1	31.0	22.2A	23.5E	14.6 A	3.51	2.27	2.17	72.0E	210	4
5	32.3A	72.3A	22.2	30.2	22.4A	27.5E	13.6	3.43	2.24	2.28	67.0E	196	5
6	39.8A	69.5A	24.4	30.0	21.9A	31.0E	13.7	3.27	2.24	2.30	63.0E	174	6
7	64.1A	66.5A	26.5	29.7	21.4A	32.0E	13.3	3.09	2.20	2.35	60.0E	152	7
8	67.9A	61.0E	27.0	29.3	20.7A	35.0E	12.7	3.01	2.20	2.29	70.0E	143 A	8
9	69.7A	57.6A	28.3	28.8	20.0A	39.0E	12.1	2.90	2.19	2.42	93.0E	105 E	9
10	67.8A	54.9A	30.5	27.9	19.3A	40.0E	11.2	2.81	2.22	2.75	125 E	87.0E	10
11	64.9A	56.8A	30.1	27.3	18.8A	37.5E	10.1	2.73	2.18	3.04	155 E	72.0E	11
12	61.3A	55.7A	29.0	28.1	18.2A	35.0E	9.89	2.72	2.22	4.02	196 A	76.0E	12
13	60.5A	51.3A	28.6	28.9	17.5	33.0E	9.34	2.67	2.23	4.50	180 E	80.0E	13
14	59.7A	48.5A	29.7	27.7	17.0	31.5E	9.03	2.56	2.17	4.82	170 E	85.0E	14
15	56.4A	45.7A	29.0	28.3E	16.6	29.5E	8.63	2.54	2.10	5.05	167 A	76.0E	15
16	54.4A	42.8A	28.3	29.0E	16.1	28.0E	8.08	2.49	2.11	5.01	160 E	64.0E	16
17	50.6A	40.1A	28.4	30.0E	15.7	27.0E	7.69	2.59	2.12	5.28E	155 E	56.0E	17
18	47.2A	35.7A	30.6	31.0E	15.2	25.0E	7.40	2.58	2.08	6.98	130 E	51.0E	18
19	44.3	33.6A	32.5	31.2A	14.6	24.0E	6.95	2.54	2.04	8.13	110 E	47.0E	19
20	41.1	32.4A	34.0	31.0E	14.2	23.0E	6.63	2.54	2.01	8.85	94.0E	45.0E	20
21	39.0	30.2A	35.7	30.7E	14.5	22.3A	6.39	2.49	1.99	12.5	80.0E	41.0E	21
22	38.8	28.6A	36.2	30.3E	16.7	21.2A	6.04	2.45	1.97	14.6	70.0E	39.0E	22
23	38.5	26.2A	36.5	29.8A	18.8A	19.3E	5.76	2.44	1.95	15.6	115 E	37.0E	23
24	37.3	24.7A	35.5	29.5A	18.6A	18.3E	5.44	2.44	1.96	26.3	180 A	35.0E	24
25	42.5	23.8A	34.3	28.3A	18.0A	17.2E	5.42	2.33	1.96	76.8 A	160 E	33.0E	25
26	44.7	23.2A	33.1	27.9A	17.1A	16.2E	5.20	2.31	1.92	92.0 E	148 A	31.5E	26
27	45.4	22.2A	31.7	27.1A	17.4	15.2E	4.90	2.28	1.87	110 E	128 E	30.0E	27
28	45.5	21.9	30.8	26.6A	18.8	14.9A	4.73	2.31	1.86	120 E	116 A	29.0E	28
29	45.7		30.5	25.7A	19.5E	14.9A	4.59	2.24	1.83	93.8 A	147	27.5E	29
30	45.2		30.4	24.2A	20.5E	15.6	4.41	2.29	1.80	102 E	140	26.5E	30
31	43.1		30.6		21.0E		4.19	2.30		95.0 E		26.0E	31
TOTAL	1 425.8	1 245.0	907.3	873.2	581.5	758.6	278.81	85.44	62.88	835.98	3 600.3	2 448.5	TOTAL
MEAN	46.0	44.5	29.3	29.1	18.8	25.3	8.99	2.76	2.10	27.0	120	79.0	MEAN
MAX	69.7	72.3	36.5	31.8	23.4	40.0	16.0	4.11	2.37	120	196	210	MAX
MIN	19.1	21.9	20.2	24.2	14.2	14.9	4.19	2.24	1.80	1.67	60.0	26.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.9
MAXIMUM DAILY, 210 ON DEC 04
MINIMUM DAILY, 1.67 ON OCT 02
MAXIMUM INSTANTANEOUS,
215 AT 09:47 PST ON DEC 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 124 54 37 W
DRAINAGE AREA, 347 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	123 000	JUL	24 100
FEB	108 000	AUG	7 380
MAR	78 400	SEP	5 430
APR	75 400	OCT	72 200
MAY	50 200	NOV	311 000
JUN	65 500	DEC	212 000

TOTAL DISCHARGE, 1 130 000 dam³

SQUAMISH RIVER BELOW MAMQUAM RIVER - STATION NO. 08GA053

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.287	5.253	5.055	5.402	5.309	5.702	6.180	6.077	5.711	---	5.475	5.768	1
2	5.044	5.262	5.096	5.378	5.337	5.617	5.932	5.921	5.581	---	5.470	5.616	2
3	5.004	5.620	5.163	5.314	5.416	6.194	5.906	5.838	5.507	---	5.557	5.823	3
4	5.031	5.394	5.198	5.251	5.476	6.138	5.843	5.944	5.527	---	5.654	6.297	4
5	5.249	5.675	5.227	5.265	5.803	5.824	5.949	6.063	5.570	---	5.508	5.765	5
6	5.509	5.568	5.324	5.313	5.828	5.777	6.143	6.099	5.636	---	5.384	5.482	6
7	5.913	5.517	5.425	5.398	5.555	5.888	6.125	5.969	5.685	---	5.443	5.390	7
8	5.783	5.368	5.316	5.424	5.465	5.800	6.114	5.878	5.770	---	5.356	5.452	8
9	5.866	5.389	5.303	5.275	5.493	5.829	6.107	5.925	5.792	---	5.648	5.454	9
10	5.641	5.349	5.342	5.248	5.602	5.978	6.114	6.019	5.766	---	6.555	5.404	10
11	5.438	5.515	5.235	5.328	5.677	5.883	6.135	6.137	5.755	---	8.647	5.337	11
12	5.475	5.270	5.039	5.467	5.736	5.744	6.332	6.167	5.750	---	8.679	5.330	12
13	5.425	5.060	5.110	5.442	5.735	5.597	6.358	6.200	5.607	5.220	7.779	5.323	13
14	5.259	4.950	5.127	5.383	5.719	5.719	6.197	6.110	5.552	5.085	6.470	5.464	14
15	5.232	5.095	5.037	5.452	5.574	5.937	6.215	5.973	5.580	5.117	6.053	5.522	15
16	5.141	5.115	5.039	5.544	5.565	6.018	6.189	5.828	5.624	5.068	6.069	5.436	16
17	5.016	4.973	5.107	5.779	5.512	5.860	6.027	5.628	5.562	5.168	6.131	---	17
18	4.962	4.950	5.174	5.760	5.496	5.986	5.956	5.857	5.523	5.313	5.814	---	18
19	5.021	5.016	5.196	5.602	5.556	6.049	5.997	5.943	5.399	5.230	5.794	---	19
20	5.038	5.170	5.198	5.611	5.597	6.178	6.037	6.031	---	5.199	5.697	---	20
21	5.131	5.115	5.183	5.629	5.609	6.248	6.091	6.069	---	5.320	5.620	---	21
22	5.319	5.125	5.106	5.615	5.844	6.491	6.150	6.074	---	5.290	5.682	---	22
23	5.369	5.160	5.035	5.662	5.900	6.669	6.190	5.822	---	5.238	7.204	---	23
24	5.329	5.109	4.956	5.684	5.822	6.500	6.100	5.613	---	5.421	7.041	---	24
25	5.555	5.067	4.980	5.722	5.793	6.308	5.947	5.535	---	7.457	6.044	---	25
26	5.416	5.016	5.012	5.689	5.754	6.175	6.034	5.491	---	6.955	5.622	---	26
27	5.474	5.003	5.031	5.697	5.781	6.012	5.966	5.483	---	6.041	5.478	---	27
28	5.508	5.028	5.138	5.589	5.935	5.943	5.945	5.527	---	6.193	5.439	---	28
29	5.323		5.221	5.425	5.949	5.935	5.984	5.618	---	5.750	5.888	---	29
30	5.353		5.309	5.285	5.872	6.148	6.042	5.791	---	5.753	5.698	---	30
31	5.194		5.382		5.825		6.110	5.922		5.580		---	31
MEAN	5.332	5.219	5.163	5.488	5.660	6.005	6.078	5.895	---	---	6.097	---	MEAN
MAX	5.913	5.675	5.425	5.779	5.949	6.669	6.358	6.200	---	---	8.679	---	MAX
MIN	4.962	4.950	4.956	5.248	5.309	5.597	5.843	5.483	---	---	5.356	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 8.679 ON NOV 12
MINIMUM DAILY, 4.950 ON FEB 14
MAXIMUM INSTANTANEOUS,
9.132 AT 04:23 PST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 20 N
LONG 123 09 54 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1957

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -4.801 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SQUAMISH RIVER NEAR BRACKENDALE - STATION NO. 08GA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	67.8	56.2	53.7	153	166	319	534	507	333	158	177	156	1
2	69.7	65.3	52.8	165	194	275	405	419	275	135	158	102 A	2
3	59.4	106	52.5	163	230	508	379	387	250	139	151	136 E	3
4	56.3	76.7	55.0	147	248	466	348	446	255	748	146	171 E	4
5	72.8	84.0	57.2	150	354	306	397	490	261	384	112	142 E	5
6	135	83.7	68.6	164	372	278	456	503	289	193	98.0	122 E	6
7	173	69.5	77.1	182	249	323	451	433	311	130	107	115 E	7
8	163	55.8	68.9	189	216	287	463	411	342	105	114	129 E	8
9	138	48.2	59.2	149	213	292	481	446	347	132	190	214 E	9
10	123	65.1	57.8	140	248	346	482	506	318	175	457	102 E	10
11	89.9	110	63.8	145	278	326	523	564	314	113	1 540	90.0E	11
12	86.8	100	48.5	186	300	282	626	567	328	114	1 720	90.0A	12
13	77.3	79.5	51.6	181	308	243	644	561	265	117	1 080	85.0	13
14	85.4	51.2	54.0	166	267	315	572	483	240	87.3	476	78.1	14
15	86.9	48.8	53.1	183	252	411	564	403	250	92.5	321	79.2	15
16	90.6	51.1	53.9	215	267	430	538	350	277	80.5	316	75.7	16
17	83.5	47.8	58.6	316	256	384	445	339	243	84.3	338	67.3	17
18	63.5	44.7	94.9	336	263	414	403	360	228	89.0	238	95.9	18
19	57.3	54.4	108	270	276	446	407	419	197	112	204	55.9	19
20	53.0	42.8	110	275	260	479	428	467	192	79.8	181	57.2	20
21	51.4	41.0	110	282	247	488	453	498	239	76.9	167	57.6	21
22	55.9	54.2	85.6	251	305	610	486	508	288	88.0	180	49.1	22
23	63.3	40.9	71.9	238	299	696	505	375	316	80.2	783	50.2	23
24	68.1	50.6	62.7	242	241	592	479	285	295	178	758	50.3	24
25	69.6	51.4	57.3	222	232	520	426	256	291	1 120	314	59.5	25
26	82.5	54.9	55.2	198	221	481	507	232	258	794	225	50.5	26
27	78.1	58.5	55.3	182	253	425	487	230	235	361	190	48.0	27
28	75.2	56.4	62.3	169	353	420	479	258	225	503	173	52.6	28
29	71.2		76.2	155	392	425	493	289	231	289	214	45.1	29
30	63.2		95.5	136	367	561	522	379	199	265	181	41.2	30
31	60.3		139		350		539	431		212		46.5	31
TOTAL	2 571.0	1 748.7	2 170.2	5 950	8 477	12 348	14 922	12 802	8 092	7 235.5	11 309.0	2 580.8	TOTAL
MEAN	82.9	62.5	70.0	198	273	412	481	413	270	233	377	83.3	MEAN
MAX	173	110	139	336	392	696	644	567	347	1 120	1 720	171	MAX
MIN	51.4	40.9	48.5	136	166	243	348	230	192	76.9	98.0	41.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 247
MAXIMUM DAILY, 1 720 ON NOV 12
MINIMUM DAILY, 40.9 ON FEB 23
MAXIMUM INSTANTANEOUS,
2 060 AT 03:49 PST ON NOV 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 123 12 00 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	222 000	JUL	1 290 000
FEB	151 000	AUG	1 110 000
MAR	188 000	SEP	699 000
APR	514 000	OCT	625 000
MAY	732 000	NOV	977 000
JUN	1 070 000	DEC	223 000

TOTAL DISCHARGE, 7 800 000 dam³

SQUAWK LAKE NEAR 141 MILE HOUSE - STATION NO. 08MC046

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	2.774	2.484	---	1.895	1.893	---	---	15
16	---	---	---	---	2.764	---	---	2.154	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	2.038	---	19
20	---	---	---	2.894	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	2.826	---	---	---	---	---	---	---	---	24
25	1.832	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	2.774	---	2.654	---	---	1.890	---	---	---	30
31	---		---		2.754		2.254	1.991		1.894		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 02 16 N
LONG 121 36 13 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1987

DRAINAGE AREA,
81.4 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ST. MARY RIVER AT WYCLIFFE - STATION NO. 08NG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5B	10.1 B	9.08B	19.7	56.0	287	254	64.8	30.7	11.9	23.6	31.8	1
2	14.4	9.85B	9.06B	27.2	54.7	240	211	60.6	28.7	12.6	21.8	29.7	2
3	13.6B	10.3 B	9.04B	39.0	55.7	198	202	56.0	26.3	15.9	20.4	28.4	3
4	13.5B	10.8 B	9.02	44.6	61.7	194	184	50.6	23.9	15.7	19.9	28.2	4
5	13.4B	10.8 B	9.10	45.3	85.2	186	160	46.6	22.7	57.4	19.6	26.9	5
6	13.7B	10.5 B	9.08	46.4	135	167	165	45.0	21.6	54.7	18.4	26.0	6
7	14.0E	10.2 B	9.34	48.1	151	163	179	44.1	20.5	38.8	17.6	25.0	7
8	14.6E	9.80B	9.57	50.9	127	167	162	41.9	19.8	30.9	18.5	23.6	8
9	14.4E	9.50B	9.33	51.8	106	156	152	39.5	19.1	27.1	20.2	24.2	9
10	14.2A	10.0 B	9.33	48.9	92.9	193	157	37.4	18.1	26.7	34.5	24.6	10
11	13.8A	10.4 B	9.48	44.6	86.0	329	160	36.2	17.2	24.9	54.5	25.0	11
12	12.5B	10.2 B	9.29	42.2	82.9	264	163	35.4	16.7	23.5	54.5	22.9	12
13	13.1B	9.85B	9.04	41.0	82.8	192	164	35.1	16.3	22.5	48.9	21.0	13
14	13.5B	9.30B	9.07	40.3	83.6	161	156	33.2	16.6	21.8	50.7	17.4B	14
15	14.0B	9.10B	9.07	42.1	82.4	149	137	32.5	16.2	20.9	46.9	18.9B	15
16	13.9B	9.40B	9.08	45.7	81.3	160	122	32.0	15.8	20.3	41.5	20.1B	16
17	13.6B	9.80B	9.36	52.3	81.2	185	110	30.2	15.6	19.7	37.6	19.1B	17
18	12.9B	9.70B	9.74	56.2	82.9	215	100 E	28.4	16.0	19.4	34.6	19.1B	18
19	12.0B	9.38B	9.90	70.8	85.1	228	92.0E	27.2	15.4	18.8	35.2	17.2B	19
20	11.4B	9.55B	10.6	87.6	86.4	244	83.8E	26.1	15.0	18.4	30.7	13.5B	20
21	12.0B	9.80B	11.3	102	86.7	268	78.4E	26.6	14.7	18.1	29.0	10.6B	21
22	12.8B	9.90B	11.4	110	85.4	264	74.8E	27.8	14.1	17.8	29.0	10.0B	22
23	12.5B	9.95B	10.6	112	94.4	288	70.3A	30.9	13.8	17.5	31.1	11.1B	23
24	12.1B	9.90B	10.2	109	125	319	70.3	33.6	13.2	16.9	43.2	13.8B	24
25	12.1B	9.75B	10.0	102	179	332	82.5	30.7	13.1	17.1	54.8	15.7B	25
26	11.6	9.60B	10.4	90.4	180	311	101	34.0	12.9	18.9	47.1	16.4B	26
27	11.0B	9.40B	10.9	80.4	155	271	98.8	33.2	12.4	20.5	39.7	16.8B	27
28	10.6B	9.22B	11.6	73.8	161	234	90.3	29.4	12.8	20.9	36.7	17.0B	28
29	10.5B		12.4	66.2	204	203	76.9	25.7	12.4	22.4	35.1	16.3B	29
30	10.4B		13.3	59.6	278	212	70.4	24.2	11.6	23.6	33.4	15.7B	30
31	10.2B		15.5		297		65.9	28.1		23.9		15.9B	31
TOTAL	397.8	276.05	314.18	1 854.1	3 605.3	6 780	3 993.4	1 127.0	523.2	717.8	1 025.7	621.9	TOTAL
MEAN	12.8	9.86	10.1	61.8	116	226	129	36.4	17.4	23.2	34.2	20.1	MEAN
MAX	15.5	10.8	15.5	112	297	332	254	64.8	30.7	57.4	54.8	31.8	MAX
MIN	10.2	9.10	9.02	19.7	54.7	149	65.9	24.2	11.6	11.9	17.6	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.2
MAXIMUM DAILY, 332 ON JUN 25
MINIMUM DAILY, 9.02 ON MAR 04
MAXIMUM INSTANTANEOUS,
348 AT 14:50 MST ON JUN 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 01 N
LONG 115 51 46 W
DRAINAGE AREA, 2 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 400	JUL	345 000
FEB	23 900	AUG	97 400
MAR	27 100	SEP	45 200
APR	160 000	OCT	62 000
MAY	311 000	NOV	88 600
JUN	586 000	DEC	53 700

TOTAL DISCHARGE, 1 830 000 dam³

ST. MARY RIVER BELOW MORRIS CREEK - STATION NO. 08NG077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80B	1.24B	1.10B	3.62	7.11	34.7	35.6	8.95	4.10	1.22	3.33	3.66E	1
2	1.66B	1.20B	1.11B	5.35	7.40	26.7	31.4 E	7.69	3.44	1.44	2.82	3.50E	2
3	1.57B	1.22B	1.12B	6.40	8.23	24.1	33.1 E	6.79	3.11	1.45	3.11	3.50E	3
4	1.53B	1.36B	1.14B	6.11	12.2	26.1	29.0 E	6.31	2.91	13.4	2.93	3.43E	4
5	1.51B	1.34B	1.13B	6.13	18.9	22.4	28.2 E	6.25	2.70	16.2	2.62	3.36E	5
6	1.52B	1.32B	1.13B	6.26	25.2	21.2	34.9 A	6.05	2.59	6.05	2.48A	3.09E	6
7	1.53B	1.26B	1.13B	6.69	19.6	25.8	29.3	6.05	2.50	4.35	2.75E	2.82E	7
8	1.58B	1.27B	1.16B	6.89	15.1	22.8	26.6	5.52	2.34	3.76	2.81	2.82E	8
9	1.60B	1.29B	1.19B	6.67	13.1	22.9	27.3	5.11	2.24	3.52	3.09	2.91E	9
10	1.50B	1.35B	1.18B	5.82	12.2	35.7A	28.1	4.91	2.20	3.63	10.6	3.02B	10
11	1.37B	1.38B	1.17B	5.33	12.4	46.4	28.6	4.99	2.12	3.20	9.74	2.86B	11
12	1.22B	1.28B	1.16B	5.30	12.8	31.5	29.5	4.84	2.10	3.14	6.75	2.50B	12
13	1.27B	1.20B	1.14B	5.50	17.9	24.4	29.1	4.76	1.99	3.06	6.97	2.28B	13
14	1.32B	1.13B	1.12B	5.58	12.6	21.0	23.9	4.46	1.92	2.88	7.54	2.20B	14
15	1.34B	1.08B	1.10B	6.21	12.4	21.3	20.4	4.38	1.86	2.83	5.79	2.41B	15
16	1.30B	1.10B	1.12B	6.94	13.0	26.2	19.6	4.02	1.99	2.73	5.14	2.46B	16
17	1.27B	1.16B	1.14B	8.09	13.6	31.4	17.1	3.58	2.16	2.52	4.81	2.34B	17
18	1.22B	1.20B	1.18B	9.63	13.6	32.9	14.8	3.38	1.87	2.56	4.31	2.20B	18
19	1.21B	1.24B	1.20B	12.5	14.2	35.4	13.7	3.36	1.73	2.47	4.01	1.80B	19
20	1.23B	1.27B	1.24B	15.7	14.5	36.8	12.8	3.26	1.64	2.37	3.80	1.43B	20
21	1.31B	1.29B	1.30B	16.3	14.2	36.6	11.8	3.44	1.56	2.37	3.55	1.23B	21
22	1.43B	1.29B	1.36B	17.0	14.5	38.0	11.8	3.97	1.50	2.28	3.71	1.17B	22
23	1.38B	1.27B	1.28B	17.0	19.9	42.7	11.5	6.02	1.47	2.23	5.67	1.25B	23
24	1.36B	1.25B	1.20B	16.0	26.1	46.8	11.1	5.11	1.43	2.19	10.7	1.34B	24
25	1.35B	1.23B	1.17B	13.7	28.6	46.2	14.8	4.44	1.43	2.26	6.75	1.40B	25
26	1.34B	1.20B	1.22B	11.5	22.6	41.7	13.5	4.98	1.33	3.61	5.11	1.42B	26
27	1.30B	1.20B	1.28B	10.1	21.2	38.1	14.0	3.53	1.33	3.11	4.97A	1.43B	27
28	1.31B	1.13B	1.34B	9.77	24.3	33.7	11.5	3.11	1.24	3.35	4.48E	1.24B	28
29	1.32B		1.48B	9.58	31.1	32.9	10.7	2.90	1.23	3.45	4.20E	1.20B	29
30	1.31B		1.82	7.00	41.0	41.3	9.96	4.06	1.21	3.26	3.90E	1.19B	30
31	1.28B		2.45		35.8		9.98	4.98		3.60		1.40B	31
TOTAL	43.24	34.75	38.86	265.37	550.14	964.9	643.64	149.80	61.24	114.56	148.44	68.86	TOTAL
MEAN	1.39	1.24	1.25	8.85	17.7	32.2	20.8	4.83	2.04	3.70	4.95	2.22	MEAN
MAX	1.80	1.38	2.45	17.0	41.0	46.8	35.6	6.95	4.10	16.2	10.7	3.66	MAX
MIN	1.21	1.08	1.10	3.62	7.11	21.0	9.96	2.90	1.21	1.22	2.48	1.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.45
MAXIMUM DAILY, 46.8 ON JUN 24
MINIMUM DAILY, 1.08B ON FEB 15
MAXIMUM INSTANTANEOUS,
56.5 AT 22:27 MST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 30 N
LONG 116 27 00 W
DRAINAGE AREA, 206 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 740	JUL	55 600
FEB	3 000	AUG	12 900
MAR	3 360	SEP	5 290
APR	22 900	OCT	9 900
MAY	47 500	NOV	12 800
JUN	83 400	DEC	5 950

TOTAL DISCHARGE, 266 000 dam³

ST. MARY RIVER NEAR MARYSVILLE - STATION NO. 08NG046

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6 E	7.62	6.73	14.8	41.8	202	200 E	53.1	24.3	8.99	17.7	22.8	1
2	11.7 E	7.58	6.73	20.7	41.0	173	176 E	49.4	23.3	9.30	16.6	21.7	2
3	11.0 E	7.99	6.77	29.3	41.5	144	162 E	45.6	21.5	9.59	15.2	20.7	3
4	10.9 E	8.29	7.03	34.1	45.7	140	151 E	40.9	19.6	12.5	14.9	20.2	4
5	10.9 E	8.19	6.98	35.0	62.8	133	128 E	38.6	18.4	48.9	14.7	20.0	5
6	11.1 E	8.27	6.92	35.5	104	118	132 E	37.3	17.3	43.9	13.9	19.3	6
7	11.3 E	8.20	6.84	36.4	117	116	140 E	36.5	16.4	30.5	13.2	18.4	7
8	11.8 E	8.26	7.02	38.3	93.9	121	132 E	34.9	15.6	23.6	13.4	16.7	8
9	11.7 E	7.80	7.21	39.6	76.3	112	122 E	32.7	15.3	20.8	14.4	17.0	9
10	11.5 A	8.31	7.24	37.7	66.6	148	124 E	30.9	14.6	20.0	21.5	17.6	10
11	10.2	8.42	7.24	33.9	60.6	249	128 E	30.1	14.2	18.7	37.3	17.6	11
12	8.43	8.14	7.09	31.7	59.6	196	131 E	29.9	13.7	17.2	38.9	16.3	12
13	8.85	7.46	6.89	30.3	58.7	148	130 E	30.0	13.6	17.0	35.8	13.9	13
14	10.4	6.74	6.76	29.7	59.4	123	125 E	28.8	13.3	16.2	37.1	12.4	14
15	10.7	6.60	6.80	30.5	59.2	114	112 E	27.4	13.1	15.5	36.1	14.0	15
16	10.7	7.19	6.78	33.3	57.9	125	100 E	25.9	12.7	15.2	31.8	14.4	16
17	10.0	7.72	6.93	38.6	58.0	148	90.8E	24.6	13.0	14.8	28.7	13.8	17
18	9.66	7.62	7.16	44.2	58.5	172	82.0E	23.3	12.9	14.4	26.7	13.7	18
19	7.84	7.30	7.33	51.4	60.6	176	73.3A	22.1	12.5	14.4	24.6	11.7	19
20	7.46	7.50	7.55	63.6A	62.4	189	68.9	21.6	11.9	13.9	22.9	9.05	20
21	7.87	7.78	8.14	75.3E	63.1	210	63.8	21.5	11.5	13.5	21.9	7.57	21
22	9.22	7.71	8.43	80.6E	61.6	206	60.1	22.1	10.9	13.5	21.5	7.17	22
23	8.64	7.70	7.88	81.4	60.5	225	59.0	26.2	10.5	13.1	22.8	7.94	23
24	8.47	7.65	7.25	79.8	93.3	253	57.1	28.8	10.2	12.8	30.1	10.3	24
25	8.54	7.52	6.95	73.8	136	260	65.6	26.0	9.98	12.7	38.9	11.4	25
26	8.27	7.38	7.18	65.1	135	242	85.1	20.6	9.83	13.9	34.1	11.6	26
27	7.99	7.05	7.19	59.3	113	214	81.1	27.0	9.60	15.2	29.2	12.0	27
28	8.05	6.74	7.42	54.6	115	186	73.1	23.6	9.28	16.0	26.7	12.1	28
29	8.23		8.02	48.2	152	167	62.8	21.0	9.14	16.7	24.9	11.8	29
30	8.12		8.84	44.4	206	165	58.1	19.5	8.93	17.5	23.9	11.2	30
31	7.98		11.5		215		54.7	23.3		17.5		11.4	31
TOTAL	299.12	214.73	228.80	1 371.1	2 644.0	5 175	3 228.5	931.4	417.06	547.78	749.4	445.73	TOTAL
MEAN	9.65	7.67	7.38	45.7	85.3	173	104	30.0	13.9	17.7	25.0	14.4	MEAN
MAX	12.6	8.42	11.5	81.4	215	260	200	53.1	24.3	48.9	38.9	22.8	MAX
MIN	7.46	6.60	6.73	14.8	41.0	112	54.7	19.5	8.93	8.99	13.2	7.17	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.5
MAXIMUM DAILY, 260 ON JUN 25
MINIMUM DAILY, 6.60 ON FEB 15
MAXIMUM INSTANTANEOUS,
274 AT 10:00 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 29 N
LONG 116 10 07 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 800	JUL	279 000
FEB	18 600	AUG	80 500
MAR	19 800	SEP	36 000
APR	118 000	OCT	47 300
MAY	228 000	NOV	64 700
JUN	447 000	DEC	38 500

TOTAL DISCHARGE, 1 400 000 dam³

STAMP RIVER NEAR GREAT CENTRAL - STATION NO. 08HB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.8	57.0	36.9	53.7	31.9	33.5	59.7	24.2	27.5	23.3	145	152	1
2	37.9	59.1	33.3	55.8	32.4	42.5	59.5	23.9	27.1	22.0	129	137	2
3	38.7	85.9	30.6	45.2	35.4	82.5	57.5	23.7	26.9	21.3	115	162	3
4	39.7	92.1	32.5	39.5	34.9	98.3	57.3	23.1	27.8	26.2	96.8	240	4
5	44.3	94.6	34.7	41.0	35.4	104	27.8	22.9	28.7	27.1	90.1	220	5
6	59.2	87.1	37.8	42.8	37.2	98.2	29.0	22.8	27.8	26.6	84.4	196	6
7	88.0	77.3	40.1	43.8	37.6	95.2	30.1	23.0	28.3	25.3	65.4	174	7
8	102	66.1	40.9	45.6	38.2	90.4	30.2	23.1	28.9	23.6	50.1	161	8
9	104	62.5	39.5	39.7	38.1	74.3	30.5	23.1	28.1	23.6	72.1	140	9
10	101	60.7	37.1	31.9	33.3	69.5	31.0	22.4	24.0	21.3	104	129	10
11	95.7	62.1	37.4	33.4	30.1	67.7	30.7	21.9	24.3	20.9	220	97.9	11
12	89.2	62.3	36.7	36.0	30.9	59.4	30.0	21.6	24.1	22.1	314	72.4	12
13	82.7	61.0	37.2	38.1	32.1	54.4	29.4	22.6	25.9	21.6	315	68.5	13
14	80.3	58.6	38.4	39.5	30.8	53.5	29.1	23.2	33.6	21.6	280	69.2	14
15	69.9	52.7	35.2	41.2	29.2	51.4	28.6	22.7	32.6	21.3	244	71.7	15
16	66.3	46.5	35.0	43.6	29.8	49.7	29.0	22.4	32.0	20.6	230	66.3	16
17	63.9	44.5	36.2	48.8	30.5	48.6	28.6	23.0	29.4	21.8	226	62.9	17
18	61.5	42.7	40.1	52.6	30.8	49.4	28.9	25.1	27.3	21.6	202	60.1	18
19	58.7	41.6	43.6	54.1	30.7	49.0	29.3	25.5	26.8	28.5	180	58.1	19
20	56.1	41.3	46.2	55.2	31.4	49.5	25.3	26.0	23.4	29.5A	152	54.9	20
21	53.9	40.1	49.7	54.8	34.3	30.0	24.6	27.7	23.3	33.0E	129	55.2	21
22	53.8	39.3	51.7	55.4	67.2	26.3	24.3	29.4	23.5	32.0E	125	50.0	22
23	54.0	38.0	52.7	55.3	70.8	23.0	23.4	27.3	23.5	31.5E	209	48.0	23
24	53.2	37.2	52.9	54.8	54.8	23.5	23.3	27.9	23.1	66.0E	254	45.6	24
25	59.3	37.2	51.9	55.4	43.8	24.4	23.4	28.1	22.9	185 E	225	43.2	25
26	62.0	37.5	50.9	54.1	35.3	24.8	23.6	30.5	22.8	155 E	197	42.0	26
27	62.1	37.4	49.4	53.9	57.0	25.1	23.6	27.8	26.3	140 E	172	40.9	27
28	62.2	36.9	49.3	52.4	63.9	26.0	24.0	27.6	26.0	165 E	157	38.6	28
29	61.6		49.3	50.9	48.5	40.3	23.9	28.4	24.0	180 A	179	36.5	29
30	60.5		50.1	41.9	37.6	62.9	23.3	28.7	22.6	177	168	36.3	30
31	57.9		52.0		37.4		22.7	27.4		161		35.3	31
TOTAL	2 017.4	1 559.5	1 309.3	1 410.4	1 232.2	1 577.7	877.6	776.9	784.5	1 799.3	5 129.9	2 864.8	TOTAL
MEAN	65.1	55.7	42.2	47.0	39.7	52.6	28.3	25.1	26.2	58.0	171	92.4	MEAN
MAX	104	94.6	52.9	55.8	70.8	104	59.7	30.5	33.6	185	315	240	MAX
MIN	37.8	36.9	30.6	31.9	29.2	23.0	22.7	21.6	22.6	20.6	50.1	35.3	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.5
MAXIMUM DAILY, 315 ON NOV 13
MINIMUM DAILY, 20.6 ON OCT 16
MAXIMUM INSTANTANEOUS,
328 AT 22:47 PST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 23 N
LONG 124 58 31 W
DRAINAGE AREA, 456 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	174 000	JUL	75 800
FEB	135 000	AUG	67 100
MAR	113 000	SEP	67 800
APR	122 000	OCT	155 000
MAY	106 000	NOV	443 000
JUN	136 000	DEC	248 000

TOTAL DISCHARGE, 1 840 000 dam³

STATION CREEK ABOVE DIVERSIONS - STATION NO. 08EE028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082	0.026B	0.021B	0.030	0.078	1.44	2.02	0.520	0.317	0.117	0.074	0.049B	1
2	0.077	0.025B	0.021B	0.033	0.088	1.14	1.13	0.376	0.239	0.104	0.075	0.048B	2
3	0.075	0.025B	0.021B	0.035	0.133	1.46	0.882	0.363	0.208	0.101	0.075	0.047B	3
4	0.072	0.025B	0.021B	0.035	0.190	1.48	0.949	0.401	0.208	0.093	0.073	0.046B	4
5	0.070	0.025B	0.021B	0.035	0.252	0.967	0.910	0.398	0.241	0.090	0.064	0.058B	5
6	0.070	0.025B	0.021B	0.037	0.298	0.836	0.924	0.443	0.209	0.085	0.065	0.087B	6
7	0.069	0.025B	0.022B	0.035	0.240	0.883	0.991	0.377	0.250	0.087	0.07?	0.125B	7
8	0.069	0.024B	0.022B	0.031	0.218	0.920	1.17	0.341	0.255	0.124	0.069	0.088B	8
9	0.066	0.024B	0.022B	0.030	0.227	0.842	1.20	0.388	0.201	0.160	0.067	0.059B	9
10	0.062	0.024B	0.022B	0.031	0.257	0.848	1.04	0.424	0.193	0.130	0.068	0.054B	10
11	0.059B	0.023B	0.022B	0.031	0.295	1.17	0.938	0.459	0.179	0.112	0.067	0.052B	11
12	0.058B	0.023B	0.022B	0.032	0.303	1.02	0.863	0.480	0.193	0.108	0.068	0.050B	12
13	0.057B	0.022B	0.022B	0.031	0.284	0.897	0.748	0.555	0.174	0.105	0.065	0.049B	13
14	0.056B	0.021B	0.022B	0.037	0.320	1.03	0.595	0.645	0.187	0.091	0.065	0.048B	14
15	0.052B	0.021B	0.022B	0.043	0.380	1.11	0.586	0.527	0.195	0.085	0.062	0.046B	15
16	0.050B	0.021B	0.023B	0.048	0.439	0.869	0.921	0.474	0.217	0.081	0.064	0.045B	16
17	0.047B	0.021B	0.023B	0.062	0.510	0.745	0.714	0.429	0.167	0.081	0.065A	0.044B	17
18	0.045B	0.021B	0.023B	0.068	0.511	0.747	0.563	0.401	0.147	0.085	0.064B	0.042B	18
19	0.042B	0.021B	0.023B	0.076	0.480	0.811	0.546	0.367	0.138	0.081	0.063B	0.041B	19
20	0.040B	0.021B	0.023B	0.086	0.475	0.812	0.572	0.396	0.144	0.078	0.062B	0.037B	20
21	0.040B	0.021B	0.024B	0.084	0.525	0.986	0.608	0.449	0.230	0.078	0.060B	0.036B	21
22	0.040B	0.022B	0.024B	0.082	0.462	1.10	0.627	0.712	0.192	0.076	0.060B	0.034B	22
23	0.038B	0.022B	0.024B	0.081	0.477	0.956	0.645	0.412	0.213	0.081	0.058B	0.033B	23
24	0.036B	0.022B	0.024B	0.076	0.483	0.678	0.666	0.334	0.201	0.110	0.058B	0.033B	24
25	0.035B	0.022B	0.024B	0.072	0.483	0.664	0.669	0.276	0.197	0.085	0.056B	0.033B	25
26	0.033B	0.022B	0.025B	0.076	0.560	1.11	0.685	0.225	0.139	0.082	0.054B	0.032B	26
27	0.032B	0.022B	0.026	0.075	1.22	0.949	0.562	0.216	0.118	0.104	0.053B	0.032B	27
28	0.030B	0.021B	0.027	0.071	2.12	0.870	0.479	0.259	0.121	0.089	0.052B	0.032B	28
29	0.029B		0.028	0.070	1.55	0.943	0.468	0.303	0.122	0.081	0.051B	0.032B	29
30	0.027B		0.030	0.072	1.20	1.20	0.526	0.331	0.108	0.079	0.050B	0.031B	30
31	0.026B		0.029		1.77		0.624	0.352		0.078		0.031B	31
TOTAL	1.584	0.637	0.724	1.605	16.828	29.483	24.821	12.633	5.703	2.941	1.898	1.474	TOTAL
MEAN	0.051	0.023	0.023	0.054	0.543	0.983	0.801	0.408	0.190	0.095	0.063	0.048	MEAN
MAX	0.082	0.026	0.030	0.086	2.12	1.48	2.02	0.712	0.317	0.160	0.075	0.125	MAX
MIN	0.026	0.021	0.021	0.030	0.078	0.664	0.468	0.216	0.108	0.076	0.050	0.031	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.275
MAXIMUM DAILY, 2.12 ON MAY 28
MINIMUM DAILY, 0.021B ON FEB 14
MAXIMUM INSTANTANEOUS,
2.51 AT 06:15 PST ON JUL 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 49 N
LONG 127 34 03 W
DRAINAGE AREA, 10.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	137	JUL	2 140
FEB	55.0	AUG	1 090
MAR	62.5	SEP	493
APR	139	OCT	254
MAY	1 450	NOV	164
JUN	2 550	DEC	127

TOTAL DISCHARGE, 8 660 dam³

STAVE RIVER ABOVE STAVE LAKE - STATION NO. 08MH147

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1	5.43	7.08	25.3	18.9	40.0	59.7	38.2	37.6	13.4	18.6	14.7	1
2	8.14	6.21	7.26	28.5	20.0	36.0	59.6	32.5	24.5	14.0	15.0	12.4	2
3	6.94	14.4	7.49	26.3	29.4	158	65.0	29.8	20.8	26.8	14.2	21.4	3
4	6.72	10.7	8.51	24.3	47.4	109	49.0	31.7	20.0	298	15.7	70.3	4
5	25.4	9.54	9.81	26.7	66.7	58.7	54.1	34.5	19.7	62.3	14.5	27.4	5
6	38.2	9.08	14.9	29.8	57.3	56.8	85.1	35.2	19.7	28.0	11.8	17.8	6
7	51.5	7.88	19.1	32.5	33.5	69.1	70.7	29.6	19.9	17.8	13.4	14.4	7
8	28.0	7.10	13.4	31.0	26.7	54.2	57.7	28.7	22.3	13.1	16.4	25.8	8
9	25.7	6.39	10.3 A	22.1	30.0	64.6	55.6	31.4	22.3	25.8	141	26.4	9
10	17.9	13.7	10.0 A	18.8	36.4	74.4	55.0	32.9	19.9	29.3	---	18.8	10
11	11.5	42.2	8.51A	25.7	40.2	61.4	58.7	34.7	18.6	16.8	---	14.6	11
12	10.2	18.7	7.08A	23.3	37.2	52.6	66.8	34.5	20.2	26.9	189	11.7	12
13	12.9	8.78B	6.28A	27.4	40.3	46.3	60.9	34.3	17.5	26.1	---	10.2	13
14	15.3	6.78B	6.02A	26.4	38.7	56.9	57.1	28.4	17.1	15.4	67.6	9.67	14
15	12.7	5.70B	5.83A	37.2	39.2	67.7	56.1	23.5	16.1	12.3	43.1	10.3	15
16	10.8	5.19B	6.74A	49.7	39.1	63.0	50.7	21.4	18.8	10.9	62.3	9.23	16
17	8.15	4.78B	13.0 A	56.4	36.4	56.7	41.1	20.3	16.2	10.8	57.5	9.48	17
18	6.88	4.57B	22.4 A	47.2	34.0	59.3	35.8	21.7	14.7	30.1	30.0	10.1 A	18
19	6.16	4.40B	19.8 A	38.6	31.2	58.5	36.9	22.2	14.8	19.4	21.4	8.59B	19
20	5.73	4.30B	21.7 A	52.0	43.9	61.1	37.9	25.7	14.6	12.7	17.4	8.30B	20
21	5.54	4.32B	20.0 A	48.6	48.0	69.4	37.9	28.0	16.3	20.4	15.0	8.00B	21
22	5.85	4.51B	15.6 A	39.4	57.2	84.9	39.2	29.7	20.1	17.5	34.1	7.71B	22
23	6.26	4.57	11.9 A	41.1	42.9	85.5	37.6	21.5	21.3	12.8	---	7.53B	23
24	5.90	6.34	9.60	45.4	34.0	68.7	37.6	17.0	20.0	21.7	137	7.28B	24
25	6.80	8.10	8.72	33.3A	31.4	60.5	30.9	21.9	19.3	---	46.3	7.07B	25
26	7.33	7.80	8.37	27.1	28.5	53.2	33.5	16.6	18.7	84.8	26.5	6.90B	26
27	6.73	7.02	9.37	21.5	38.6	44.7	33.8	15.4	16.5	58.0A	19.7	7.20B	27
28	6.72	6.87	12.0	18.0	60.8	57.0	35.8	16.9	14.4	77.4	17.0	6.60B	28
29	6.61		15.0	16.5	60.1	54.1	36.3	18.8	15.8	43.5	31.9	6.43B	29
30	6.08		17.1	16.0	51.0	67.6	37.1	49.7	12.6	47.1	18.6	6.40B	30
31	5.33		21.4		52.5		39.3	84.1		25.7		6.62B	31
TOTAL	392.07	245.36	374.27	966.1	1 251.5	1 949.9	1 507.1	911.0	570.3	---	---	429.31	TOTAL
MEAN	12.6	8.76	12.1	32.2	40.4	65.0	48.6	29.4	19.0	---	---	13.8	MEAN
MAX	51.5	42.2	22.4	56.4	66.7	158	85.1	84.1	37.6	---	---	70.3	MAX
MIN	5.33	4.30	5.83	16.0	18.9	36.0	30.9	15.4	12.6	---	---	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 4.30B ON FEB 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 22 N
LONG 122 19 19 W
DRAINAGE AREA, 282 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 900	JUL	130 000
FEB	21 200	AUG	78 700
MAR	32 300	SEP	49 300
APR	83 500	OCT	---
MAY	108 000	NOV	---
JUN	168 000	DEC	37 100

STELLAKO RIVER AT GLENANNAN - STATION NO. 08JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.06E	8.10	7.30	7.26	19.3	44.7	39.4	29.1	16.1	8.81	6.59	5.49	1
2	9.05E	8.13	7.35	7.29	19.5	43.9	39.9	29.5A	15.8	8.71	6.36	5.41	2
3	9.04E	8.22	7.30	7.44	20.9	45.6	40.8	28.3E	15.4	8.25	6.38	5.36	3
4	9.05E	8.02	7.29	7.35	21.5	46.4	41.0	27.4E	14.7	8.38	6.48	5.55	4
5	9.04E	7.90	7.24	7.46	23.3	46.9	42.6	26.7E	14.0	8.41	6.52	5.47	5
6	9.02E	7.89	7.16	7.54	24.5	47.5	42.8	26.2E	13.9	8.39	6.20	5.42	6
7	9.00E	8.15	7.22	7.54	25.0	48.0	43.1	25.8E	13.8	8.46	6.38	5.29	7
8	8.96E	8.08	7.15	7.62	25.8	47.9	42.9	25.3E	13.6	8.37	6.23	5.33	8
9	8.88E	7.94	7.12	7.58	27.3	47.5	42.8	24.8E	12.9	8.45	6.07	5.25	9
10	8.84E	8.05	7.35	7.76	28.3	47.5	41.9	24.2E	12.5	8.44	5.87	5.28	10
11	8.82E	8.12	7.31	8.01	28.8	49.3	41.1	23.8E	12.4	8.14	5.87	5.33	11
12	8.80E	7.95	7.18	8.15	30.4	48.6	40.9	23.4E	12.2	8.15	5.85	5.18	12
13	8.70E	7.96	7.12	8.56	31.8	47.7	40.0	23.0E	12.0	8.05	5.95	5.12	13
14	8.68E	7.71	7.04	8.63	32.6	47.4	39.9	22.5E	11.8	7.85	5.95	5.25	14
15	8.67E	7.81	7.18	8.66	33.3	47.5	38.8	22.0E	11.6	7.64	5.90	5.36	15
16	8.67E	7.89	7.33	8.73	33.7	48.5	38.6	21.7E	11.5	7.42	5.87	5.32	16
17	8.60E	7.82	7.41	9.21	34.6	46.6	38.3	21.4E	11.1	7.10	6.02	5.43	17
18	8.55E	7.70	7.30	9.55	35.2	45.9	37.6	21.2A	11.0	7.52	5.95	5.33	18
19	8.45A	7.67	7.23	9.99	35.1	46.1	37.1	20.8	10.9	7.08	5.74	5.32	19
20	8.41	7.78	7.14	10.5	35.5	45.7	35.8	20.0	10.7	6.94	5.63	5.22	20
21	8.50	7.75	7.16	11.2	36.6	44.5	35.3	19.9	10.5	7.14	5.60	5.09	21
22	8.51	7.71	7.17	12.1	37.1	43.5	34.7	20.3	10.1	6.97	5.60	5.06	22
23	8.58	7.65	7.17	13.0	38.1	43.3	34.0	20.0	10.0	6.68	5.60	5.10	23
24	8.33	7.75	7.21	13.8	39.8	41.7	34.0	18.6	9.97	6.86	5.54	5.09	24
25	8.54	7.73	7.15	14.5	40.3	41.5	32.9	18.1	9.83	6.84	5.37	5.15	25
26	8.38	7.59	7.13	15.2	40.0	41.3	32.4	17.8	9.66	6.78	5.39	5.13	26
27	8.30	7.41	7.09	15.9	40.5	41.1	32.1	17.7	9.09	6.73	5.63	4.98	27
28	7.93	7.45	7.23	17.0	41.9	40.4	31.0	17.2	8.84	6.78	5.49	5.01	28
29	7.66		7.27	17.7	43.1	40.2	30.1	16.9	8.82	6.55	5.53	4.91	29
30	7.78		7.31	18.5	44.2	40.2	29.7	16.5	8.69	6.49	5.46	5.01	30
31	7.72		7.19		44.6		28.9	16.3		6.63		5.09	31
TOTAL	266.52	219.93	223.80	313.73	1 013.1	1 356.9	1 160.6	686.2	353.40	234.98	177.02	162.33	TOTAL
MEAN	8.60	7.85	7.22	10.5	32.7	45.2	37.4	22.1	11.8	7.58	5.90	5.24	MEAN
MAX	9.06	8.22	7.41	18.5	44.6	49.3	43.1	29.5	16.1	8.81	6.59	5.55	MAX
MIN	7.66	7.41	7.04	7.26	19.3	40.2	28.9	16.3	8.69	6.49	5.37	4.91	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.9
MAXIMUM DAILY, 49.3 ON JUN 11
MINIMUM DAILY, 4.91 ON DEC 29
MAXIMUM INSTANTANEOUS,
53.6 AT 09:54 PST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 33 N
LONG 125 00 18 W
DRAINAGE AREA, 3 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 000	JUL	100 000
FEB	19 000	AUG	59 300
MAR	19 300	SEP	30 500
APR	27 100	OCT	20 300
MAY	87 500	NOV	15 300
JUN	117 000	DEC	14 000

TOTAL DISCHARGE, 532 000 dam³

STIKINE RIVER ABOVE BUTTERFLY CREEK - STATION NO. 08CF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176 B	88.0B	72.5B	56.0B	374	4 370	1 870E	930E	745E	455E	230	134B	1
2	172 B	87.0B	71.5B	56.0B	393	4 830	1 910E	950E	740E	435E	221	130B	2
3	167 B	86.0B	70.5B	56.0B	426	4 510	1 900E	956A	720E	425E	198	130B	3
4	163 B	85.5B	69.0B	56.5B	499	4 070	1 870E	998	700E	410E	187	133B	4
5	158 B	85.5B	67.5B	57.5B	572	3 740	1 800E	1 050	690E	399A	158	150B	5
6	154 B	85.0B	66.0B	58.5B	683	3 500	1 720E	1 020	695E	375	132	195B	6
7	148 B	84.5B	65.5B	60.0B	807	3 330	1 670E	928	700E	362	126	203B	7
8	144 B	84.0B	64.5B	63.0B	845	3 160	1 590E	874	705E	406	142	198B	8
9	140 B	84.0B	64.0B	66.5B	854	2 940	1 550E	943	695E	427	150	187B	9
10	137 B	83.5B	63.0B	72.0B	878	2 680	1 490E	1 110	665E	413	143B	176B	10
11	133 B	83.5B	62.5B	80.0B	941	2 480	1 440E	1 260	610E	397	142B	162B	11
12	130 B	84.0B	62.0B	102 B	999	2 370	1 410E	1 350	605E	407	141B	151B	12
13	127 B	84.5B	61.5B	115 B	1 060	2 320A	1 380E	1 400E	600E	363	146B	146B	13
14	125 B	85.0B	60.5B	145 E	1 130	2 510E	1 330E	1 500E	590E	347	143B	140B	14
15	123 B	85.9B	60.0B	155 E	1 210	2 600E	1 290E	1 510E	585E	327	146B	139B	15
16	120 B	85.5B	59.5B	167 E	1 330	2 530E	1 210E	1 460E	590E	308	147B	138B	16
17	118 B	84.5B	59.0B	195 E	1 510	2 320E	1 220E	1 390E	575E	289	148B	135B	17
18	117 B	83.0B	58.5B	211 E	1 700	2 150E	1 250E	1 300E	560E	278	148B	132B	18
19	116 B	82.0B	57.5B	240 E	1 850	1 980E	1 230E	1 230E	530E	275	147B	130B	19
20	114 B	80.5B	56.5B	261 A	1 910	1 890E	1 180E	1 220E	520E	262	144B	132B	20
21	112 B	80.0B	56.0B	255	1 970	1 900E	1 120E	1 260E	550E	264	140B	140B	21
22	108 B	80.0B	55.5B	283	2 060	2 030E	1 110E	1 170E	585E	270	139B	145B	22
23	105 B	79.5B	55.5B	286	2 130	2 220E	1 130E	1 120E	635E	271	138B	148B	23
24	103 B	78.5B	55.5B	288	2 130	2 170E	1 150E	1 060E	655E	286	139B	150B	24
25	99.0B	77.5B	55.5B	295	1 990	1 950E	1 140E	1 010E	650E	286	140B	150B	25
26	96.0B	76.5B	56.0B	310	1 940	1 750E	1 100E	940E	570E	260	143B	148B	26
27	93.5B	75.5B	56.0B	326	2 040	1 630E	1 060E	840E	505E	238	145B	146B	27
28	92.5B	73.5B	56.0B	324	2 350	1 620E	1 010E	770E	460E	241	145B	141B	28
29	91.5B		56.0B	335	2 790	1 710E	980E	775E	465E	245	143B	135B	29
30	90.5B		56.0B	367	3 320	1 800E	950E	760E	470E	232	139B	133B	30
31	89.5B		56.0B		3 630		930E	740E		232		132B	31
TOTAL	3 862.5	2 312.4	1 885.5	5 342.0	46 317	79 060	42 010	33 824	18 365	10 185	4 545	4 609	TOTAL
MEAN	125	82.6	60.8	178	1 490	2 640	1 360	1 090	612	329	152	149	MEAN
MAX	176	88.0	72.5	367	3 630	4 830	1 910	1 510	745	455	230	203	MAX
MIN	89.5	73.5	55.5	56.0	374	1 620	930	740	460	232	126	130	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 691
MAXIMUM DAILY, 4 830 ON JUN 02
MINIMUM DAILY, 55.5B ON MAR 22
MAXIMUM INSTANTANEOUS,
4 910 AT 10:01 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 29 10 N
LONG 131 45 00 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	334 000	JUL	3 630 000
FEB	200 000	AUG	2 920 000
MAR	163 000	SEP	1 590 000
APR	462 000	OCT	880 000
MAY	4 000 000	NOV	393 000
JUN	6 830 000	DEC	398 000

TOTAL DISCHARGE, 21 800 000 dam³

STIKINE RIVER ABOVE GRAND CANYON - STATION NO. 08CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.0B	46.0B	39.5B	37.2B	190B	3 030	1 030	404	262	204	111	63.5B	1
2	78.0B	46.0B	39.0B	37.5B	205B	3 160	1 070	361	259	199	103	63.0B	2
3	74.0B	45.5B	38.5B	37.5B	218B	2 770	1 020	323	254	194	97.0B	63.5B	3
4	71.0B	45.5B	38.0B	37.5B	230B	2 360	943	314	251	188	92.5B	65.0B	4
5	68.5B	45.0B	38.0B	37.5B	245B	2 180	877	323	255	179	88.0B	70.0B	5
6	66.0B	45.0B	37.8B	37.8B	270B	2 040	833	318	264	170	86.0B	74.0B	6
7	65.0B	45.0B	37.6B	38.0B	300B	1 970	830	310	257	166	84.0B	74.0B	7
8	64.5B	45.0B	37.5B	38.2B	335B	1 920	806	296	258	170	83.0B	74.0B	8
9	63.5B	45.5B	37.3B	38.3B	375	1 770	791	298	238	175	82.0B	73.5B	9
10	63.0B	45.5B	37.2B	38.5B	397	1 610	755	304	229	177	80.5B	72.0B	10
11	62.5B	46.0B	37.1B	38.8B	426	1 530	773	305	224	172	79.5B	70.0B	11
12	61.5B	46.0B	37.0B	39.1B	446	1 560	704	310	228	163	80.0B	68.0B	12
13	60.5B	46.5B	37.0B	39.5B	463	1 600	649	312	224	157	80.5B	68.0B	13
14	59.0B	46.5B	37.2B	40.0B	486	1 650	586	347	218	154	82.0B	68.0B	14
15	58.0B	46.5B	37.2B	41.0B	531	1 620	523	375	221	148	83.5B	68.0B	15
16	56.5B	46.0B	37.0B	42.0B	604	1 520	516	367	224	139	84.0B	66.0B	16
17	55.0B	46.0B	36.6B	43.0B	708	1 330	550	358	226	135	83.0B	63.0B	17
18	54.0B	46.0B	36.0B	44.5B	826	1 140	538	331	196	126	81.5B	59.0B	18
19	52.5B	45.5B	35.5B	46.5B	908	1 040	505	312	196	126	80.0B	56.0B	19
20	51.0B	45.5B	35.1B	51.0B	947	988	484	308	200	123	76.0B	57.1B	20
21	50.5B	45.0B	34.8B	60.0B	982	997	470	331	229	132	74.0B	61.0B	21
22	49.0B	44.5B	34.8B	80.0B	1 040	1 250	478	307	261	131	74.0E	64.0B	22
23	48.5B	44.0B	34.9B	94.0B	1 130	1 380	496	303	267	128	74.5B	65.5B	23
24	47.5B	43.5B	35.0B	110 B	1 110	1 220	504	289	270	127	76.0B	66.0B	24
25	47.5B	43.0B	35.2B	120 B	1 030	989	503	262	259	127	77.5B	65.5B	25
26	47.5B	42.5B	35.3B	135 B	1 010	850	476	246	234	113	78.5B	65.0B	26
27	47.5B	41.5B	35.5B	150 B	1 130	807	437	238	218	102	79.0B	63.0B	27
28	47.5B	40.5B	35.9B	162 B	1 380	854	397	235	204	114	78.0B	60.0B	28
29	47.0B		36.2B	170 B	1 680	907	377	247	213	116	72.0B	58.5B	29
30	47.0B		36.5B	180 B	1 990	974	376	239	213	111	66.0B	57.5B	30
31	46.5B		37.0B		2 430		393	240		112		57.0B	31
TOTAL	1 790.0	1 259.0	1 137.5	2 064.4	24 022	47 016	19 690	9 513	7 032	4 578	2 466.5	2 018.6	TOTAL
MEAN	57.7	45.0	36.7	68.8	775	1 570	635	307	234	148	82.2	65.1	MEAN
MAX	80.0	46.5	39.5	180	2 430	3 160	1 070	404	270	204	111	74.0	MAX
MIN	46.5	40.5	34.8	37.2	190	807	376	235	196	102	66.0	56.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 336
MAXIMUM DAILY, 3 160 ON JUN 02
MINIMUM DAILY, 34.8B ON MAR 21
MAXIMUM INSTANTANEOUS,
3 200 AT 06:19 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 02 38 N
LONG 129 56 45 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	155 000	JUL	1 700 000
FEB	109 000	AUG	822 000
MAR	98 300	SEP	608 000
APR	178 000	OCT	396 000
MAY	2 080 000	NOV	213 000
JUN	4 060 000	DEC	174 000

TOTAL DISCHARGE, 10 600 000 dam³

STIKINE RIVER AT TELEGRAPH CREEK - STATION NO. 08CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131	61.0B	53.5B	45.5B	243	3 400	1 290	521	325	269	156	87.0B	1
2	122	61.0B	52.0B	45.0B	251	3 560	1 370	467	328	259	145	85.5B	2
3	116 B	61.5B	52.0B	45.0B	282	3 370	1 370	419	320	252	136	85.0B	3
4	111 B	61.5B	51.0B	44.5B	337	3 050	1 270	399	316	245	126	86.0B	4
5	107 B	62.0B	49.5B	44.5B	401	2 850	1 200	407	319	236	117	94.0B	5
6	103 B	62.0B	49.0B	44.5B	546	2 670	1 130	401	331	229	116	107 B	6
7	101 B	62.0B	48.0B	44.5B	655	2 540	1 120	397	330	221	113	110 B	7
8	99.0B	62.0B	47.5B	45.0B	662	2 430	1 100	377	322	220	108 B	108 B	8
9	97.0B	62.5B	47.5B	45.5B	642	2 250	1 070	371	306	230	104 B	107 B	9
10	95.0B	63.0B	47.5B	46.0B	667	2 030	1 020	384	296	238	99.5B	103 B	10
11	93.0B	63.5B	47.5B	46.0B	723	1 890	1 020	386	296	232	97.5B	99.0B	11
12	92.0B	63.5B	47.5B	48.0B	768	1 850	969	394	292	222	98.0B	97.0B	12
13	91.0B	63.0B	47.5B	49.0B	807	1 880	884	395	294	215	99.0B	96.5B	13
14	90.0B	63.0B	47.5B	51.3	855	1 930	807	423	288	210	102 B	96.0B	14
15	88.0B	63.0B	47.5B	61.0	938	1 940	729	483	284	203	105 B	95.5B	15
16	86.5B	62.5B	47.0B	82.6	1 060	1 880	701	493	293	197	107 B	95.0B	16
17	84.5B	62.0B	46.5B	93.9	1 220	1 700	744	471	279	195	108 B	92.5B	17
18	82.0B	62.0B	45.0B	109	1 390	1 510	748	445	267	197	107 B	87.7B	18
19	80.0B	61.5B	44.0B	126	1 500	1 380	700	412	262	172	106 B	83.0B	19
20	77.5B	60.5B	43.5B	140	1 530	1 310	660	402	263	169	103 B	85.0B	20
21	74.0B	59.5B	43.0B	147	1 580	1 280	637	435	282	180	98.0B	91.0B	21
22	71.0B	59.0B	43.0B	158	1 620	1 410	635	420	336	184	95.0B	97.0B	22
23	69.0B	58.0B	43.0B	165	1 670	1 610	651	402	346	179	94.5B	100 B	23
24	66.5B	57.0B	43.0B	176	1 660	1 570	672	395	352	180	96.0B	101 B	24
25	65.5B	56.0B	43.5B	187	1 560	1 370	659	356	341	178	97.0B	101 B	25
26	65.0B	55.0B	44.0B	201	1 530	1 180	634	328	310	162	99.0B	99.5B	26
27	65.0B	54.5B	44.5B	208	1 650	1 080	565	315	286	149	101 B	96.0B	27
28	64.5B	54.0B	45.0B	213	1 920	1 080	517	315	270	160	101 B	90.0B	28
29	64.0B		45.5B	219	2 280	1 150	487	319	277	162	99.5B	88.5B	29
30	63.0B		45.5B	235	2 620	1 210	479	320	280	156	96.0B	86.5B	30
31	62.0B		46.0B		2 960		494	301		156		84.0B	31
TOTAL	2 676.0	1 696.0	1 448.0	3 165.8	36 527	58 360	26 332	12 351	9 091	6 227	3 219.0	2 934.2	TOTAL
MEAN	86.3	60.6	46.7	106	1 180	1 950	849	398	303	201	107	94.7	MEAN
MAX	131	63.5	53.5	235	2 960	3 560	1 370	521	352	269	156	110	MAX
MIN	62.0	54.0	43.0	44.5	243	1 080	479	301	262	149	94.5	83.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 449
MAXIMUM DAILY, 3 560 ON JUN 02
MINIMUM DAILY, 43.0B ON MAR 21
MAXIMUM INSTANTANEOUS,
3 590 AT 02:21 PST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 03 N
LONG 131 09 16 W
DRAINAGE AREA, 29 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	231 000	JUL	2 280 000
FEB	147 000	AUG	1 070 000
MAR	125 000	SEP	785 000
APR	274 000	OCT	538 000
MAY	3 160 000	NOV	278 000
JUN	5 040 000	DEC	254 000

TOTAL DISCHARGE, 14 200 000 dam³

STIKINE RIVER BELOW SPATSIZI RIVER - STATION NO. 08CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0B	17.3B	16.7B	16.6B	52.0B	1 360	399	124	71.0	66.0	37.5	21.3B	1
2	19.8B	17.3B	16.7B	16.8B	62.0B	1 370	404	121	70.8	65.9	32.6	21.1B	2
3	19.5B	17.3B	16.7B	16.9B	71.0B	1 070	399	110	69.7	66.1	33.9	21.5B	3
4	19.2B	17.4B	16.7B	16.9B	78.0B	936	374	104	70.8	65.3	31.0B	23.0B	4
5	19.0B	17.5B	16.7B	17.0B	84.0B	894	351	104	70.9	63.5	30.5B	30.0B	5
6	18.7B	17.5B	16.8B	17.1B	95.0B	856	326	104	70.6	60.2	30.8B	31.0B	6
7	18.5B	17.6B	16.8B	17.3B	103 B	825	314	105	70.8	60.3	30.8B	30.6B	7
8	18.2B	17.6B	16.8B	17.5B	115 B	782	310	102	70.9	61.3	30.1B	30.3B	8
9	18.1B	17.7B	16.8B	17.8B	128 B	704	304	97.7	70.5	63.6	29.0B	30.0B	9
10	18.0B	17.8B	16.8B	18.0B	137 B	632	287	97.4	70.6	64.2	28.2B	29.0B	10
11	18.0B	17.8B	16.8B	18.3B	145	602	291	96.3	71.7	61.9	27.7B	27.2B	11
12	18.0B	17.7B	16.8B	18.5B	153	630	267	95.9	73.0	59.0	27.6B	27.0B	12
13	18.0B	17.7B	16.7B	18.8B	159	640	244	94.3	72.3	57.6	27.9B	27.1B	13
14	18.0B	17.6B	16.7B	19.0B	169	656	216	94.3	72.1	55.6	28.8B	27.1B	14
15	17.9B	17.6B	16.7B	19.4B	190	672	194	103	70.1	49.8	30.0B	27.1B	15
16	17.8B	17.5B	16.6B	20.1B	223	645	190	117	69.8	52.2	30.3B	26.5B	16
17	17.6B	17.3B	16.5B	20.8B	268	564	205	114	67.5	44.7	30.1B	23.2B	17
18	17.5B	17.2B	16.3B	21.3B	310	486	196	107	65.1	45.6	28.8B	22.4B	18
19	17.3B	17.1B	16.1B	22.2B	346	430	181	99.6	65.0	45.0	28.0B	22.5B	19
20	17.2B	17.0B	16.0B	22.8B	366	412	172	96.9	65.0	47.9	27.8B	26.0B	20
21	17.1B	17.0B	16.0B	23.5B	389	415	167	95.2	64.6	50.1	26.2B	29.5B	21
22	17.0B	16.9B	16.0B	24.3B	420	490	167	95.2	63.3	47.4	25.8B	30.0B	22
23	17.0B	16.8B	16.0B	25.3B	466	535	168	94.6	62.7	46.8	25.9B	30.0B	23
24	17.0B	16.7B	16.1B	26.8B	450	477	168	87.3	63.8	48.1	26.1B	29.8B	24
25	17.0B	16.7B	16.2B	27.5B	411	390	167	81.3	64.2	42.9	26.6B	29.7B	25
26	17.1B	16.7B	16.2B	29.5B	404	334	166	76.0	67.4	35.3	27.2B	29.0B	26
27	17.2B	16.7B	16.3B	31.5B	461	326	151	73.0	67.2	43.0	27.5B	26.2B	27
28	17.3B	16.7B	16.3B	35.0B	588	348	138	70.9	65.4	44.6	27.3B	26.0B	28
29	17.3B		16.4B	40.0B	725	359	128	71.1	65.8	40.6	26.0B	26.2B	29
30	17.3B		16.4B	47.0B	878	382	123	71.0	65.9	37.7	22.7B	26.2B	30
31	17.3B		16.5B		1 050		123	70.8		39.7		25.8B	31
TOTAL	555.9	483.7	511.1	683.5	9 496.0	19 230	7 292	2 973.8	2 048.5	1 630.3	862.7	832.3	TOTAL
MEAN	17.9	17.3	16.5	22.8	306	641	235	95.9	68.3	52.6	28.8	26.8	MEAN
MAX	21.0	17.8	16.8	47.0	1 050	1 370	404	124	73.0	66.1	37.5	31.0	MAX
MIN	17.0	16.7	16.0	16.6	52.0	326	123	70.8	62.7	35.3	22.7	21.1	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 128
MAXIMUM DAILY, 1 370 ON JUN 02
MINIMUM DAILY, 16.0B ON MAR 20
MAXIMUM INSTANTANEOUS,
1 530 AT 03:20 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 43 59 N
LONG 128 06 30 W
DRAINAGE AREA, 7 690 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 000	JUL	630 000
FEB	41 800	AUG	257 000
MAR	44 200	SEP	177 000
APR	59 100	OCT	141 000
MAY	820 000	NOV	74 500
JUN	1 660 000	DEC	71 900

TOTAL DISCHARGE, 4 020 000 dam³

STIKINE RIVER NEAR WRANGELL - STATION NO. 08CF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	731	184B	292B	382	1 020E	5 300	4 500	3 960	2 180	2 600	722	234B	1
2	595	181B	289B	388	1 080E	5 890	4 530	3 600	2 010	1 990	660	226B	2
3	510B	176B	286B	396	1 130E	6 430	4 590	3 000	1 890	1 660	623B	224B	3
4	453B	173B	311B	382	1 190E	6 740	4 530	3 030	2 020	1 480	566B	221B	4
5	425B	170B	340B	374	1 270E	6 430	4 470	3 430	2 420	1 330	524B	227B	5
6	396B	167B	396B	360	1 360E	5 780	4 500	3 430	2 330	1 210	481B	320B	6
7	374B	167B	394B	343	1 440E	5 440	4 620	3 200	2 270	1 380	544	481B	7
8	368B	164B	388B	323	1 530E	5 440	4 670	2 890	2 380	2 360	530	430B	8
9	354B	164B	379B	320	1 640E	5 440	4 960	3 280	2 020	2 460	507	388B	9
10	340B	164B	368B	320E	1 760E	5 130	4 700	3 880	1 810	1 740	484	357B	10
11	317B	161B	365B	320E	1 870E	4 870	4 900	4 080	1 810	1 460	439B	311B	11
12	294B	161B	365B	328E	1 980E	4 590	4 330	4 390	1 980	1 250	411B	283B	12
13	277B	161B	365B	340E	2 040E	4 530	3 910	4 590	1 930	1 260	381B	281B	13
14	258B	159B	377B	368E	2 070E	5 010	3 570	4 810	2 010	1 170	368B	276B	14
15	244B	159B	388B	425E	2 100E	5 320	3 280	4 560	2 160	1 060	368B	272B	15
16	238B	159B	374B	481E	2 100E	5 150	3 200	3 960	2 320	988	385B	275B	16
17	232B	161B	357B	566E	2 150E	4 640	3 000	3 820	1 880	909	405B	268B	17
18	229B	167B	371B	651E	2 270E	4 220	2 940	3 650	1 890	872	425B	252B	18
19	227B	173B	391B	765E	2 490E	4 080	3 230	3 510	1 900	838	433B	241B	19
20	224B	181B	362B	906E	2 720E	3 940	3 510	4 220	1 680	858	354B	233B	20
21	221B	190B	331B	991E	2 970E	4 130	3 680	4 560	2 110	929	317B	228B	21
22	221B	201B	309B	963E	3 260E	5 040	3 880	3 880	2 620	917	289B	223B	22
23	218B	212B	294B	934E	3 430	5 380	3 990	3 000	3 230	977	271B	223B	23
24	218B	227B	286B	906E	3 480	4 900	3 990	2 700	4 390	1 120	263B	224B	24
25	215B	241B	280B	906E	3 310	4 280	4 110	2 430	4 450	971	256B	228B	25
26	212B	255B	289B	906E	3 260	3 850	3 940	2 370	3 200	968	261B	270B	26
27	210B	272B	311B	906E	3 270	3 620	3 450	2 370	2 670	1 010	257B	281B	27
28	207B	297B	419B	934E	3 790	3 600	3 140	2 510	2 610	957	250B	268B	28
29	201B		425B	963E	4 220	3 880	3 260	3 230	3 990	872	247B	262B	29
30	195B		425B	991E	4 590	4 280	3 620	3 110	3 540	799	243B	248B	30
31	190B		411B		4 870		3 960	2 570		750		231B	31
TOTAL	9 394	5 247	10 958	18 138	75 760	147 330	122 960	108 020	73 300	39 245	12 265	8 488	TOTAL
MEAN	303	187	353	605	2 440	4 910	3 970	3 480	2 440	1 270	409	274	MEAN
MAX	731	297	425	991	4 870	6 740	4 960	4 810	4 450	2 600	722	481	MAX
MIN	190	159	280	320	1 020	3 600	2 940	2 370	1 680	750	243	221	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 730
MAXIMUM DAILY, 6 740 ON JUN 04
MINIMUM DAILY, 159B ON FEB 14

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 42 07 N
LONG 132 08 28 W
DRAINAGE AREA, 51 600 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	812 000	JUL	10 600 000
FEB	453 000	AUG	9 330 000
MAR	947 000	SEP	6 330 000
APR	1 570 000	OCT	3 390 000
MAY	6 550 000	NOV	1 060 000
JUN	12 700 000	DEC	733 000

TOTAL DISCHARGE, 54 500 000 dam³

STITT CREEK AT THE MOUTH - STATION NO. 08ND018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.36 E	0.645B	0.700B	1.58	4.15	22.5	28.0	21.2	8.66	3.68	2.73	2.05	1
2	1.25 E	0.700B	0.701B	2.17	4.37	23.6	25.6	17.0	7.57	3.16	2.59	1.92	2
3	1.18 E	0.800B	0.710B	2.38	4.62	26.6	24.2	14.3	6.58	3.00	2.50	1.93	3
4	1.21 E	0.900B	0.720B	2.26	5.86	27.9	20.4	15.5	6.28	2.96	2.56	1.78	4
5	1.25 E	1.00 B	0.740B	2.31	9.41	17.0	22.0	17.7	6.41	5.62	2.47	1.76	5
6	1.27 E	1.04 B	0.800B	2.52	11.7	15.4	27.9	18.7	6.93	3.80	2.33	1.80	6
7	1.25 E	1.00 B	0.860B	2.62	8.27	15.4	24.8	16.2	7.50	3.57	2.29	1.85	7
8	1.30 E	0.950B	0.920B	2.45	6.68	15.7	24.9	15.3	7.65	3.37	2.25	1.83	8
9	1.34 A	0.865B	0.920B	2.30	6.45	15.7	26.9	15.9	7.38	3.49	2.18	1.69	9
10	1.33	0.900B	0.870B	2.17	6.39	18.9	28.2	16.6	7.26	3.35	2.29	1.65 B	10
11	1.21 B	0.960B	0.890B	2.21	6.71	20.4	32.8	18.0	7.31	3.10	3.86	1.60 B	11
12	1.11 B	0.800B	0.900B	2.08	6.80	17.1	34.8	18.3	6.36	2.88	5.46	1.50 B	12
13	1.21 B	0.726B	0.820	2.09	6.55	15.5	33.2	18.7	5.91	2.97	5.17	1.43 B	13
14	1.27 B	0.710B	0.910	2.19	7.00	15.8	25.2	20.8	6.38	2.99	4.11	1.50 B	14
15	1.29 B	0.700B	0.900	2.36	7.67	18.0	21.9	17.3	6.90	2.95	3.48	1.52 E	15
16	1.19 B	0.700B	0.926	2.83	8.40	19.8	23.8	16.3	9.60	2.85	3.19	1.49 B	16
17	1.12 B	0.660B	0.951	3.35	8.63	20.6	19.4	15.7	7.86	2.75	2.96	1.48 B	17
18	1.07 B	0.645B	0.999	3.93	8.44	25.9	16.7	12.4	5.67	2.71	2.88	1.30 B	18
19	1.00 B	0.700B	0.963	4.45	8.56	26.0	15.9	12.7	5.53	2.70	2.76	1.00 B	19
20	0.950B	0.760B	1.11	5.53	9.46	26.0	14.7	14.5	4.73	2.71	2.68	0.800B	20
21	1.00 B	0.830B	1.08	5.92	9.72	26.3	15.2	15.3	5.25	2.60	2.46	0.730B	21
22	1.09 B	0.900B	1.01	6.58	9.61	30.9	16.2	13.5	5.81	2.49	2.46	0.780B	22
23	1.20 B	0.985B	1.14	6.84	11.0	33.8	16.9	14.2	6.47	2.56	2.69	0.840B	23
24	1.27	0.960B	1.25	6.96	13.2	33.0	19.0	8.50	6.77	2.59	2.78	0.920B	24
25	1.26	0.940B	1.27	6.18	15.9	30.2	18.6	7.47	6.39	3.07	2.50	1.00 B	25
26	1.30	0.920B	1.09	5.42	14.0	28.8	21.8	6.57	4.99	3.24	2.43	1.05 B	26
27	1.23	0.840B	1.08	4.78	15.5	27.6	21.1	5.92	4.17	2.87	2.42	0.850B	27
28	1.20	0.750B	1.12	4.36	16.5	25.1	17.6	6.74	3.85	2.74	2.32	0.710B	28
29	1.18		1.12	4.96	24.9	24.4	18.6	7.33	4.13	2.76	2.24	0.780B	29
30	0.910B		1.16	3.92	29.7	26.4	19.7	19.6	3.43	2.77	2.19	0.870B	30
31	0.750B		1.34		22.1		18.4	13.4		2.71		0.940B	31
TOTAL	36.550	23.286	30.040	108.69	323.25	678.9	694.4	457.63	189.73	101.41	85.23	41.350	TOTAL
MEAN	1.18	0.832	0.969	3.62	10.4	22.6	22.4	14.8	6.32	3.27	2.84	1.33	MEAN
MAX	1.36	1.04	1.34	6.96	24.7	33.8	34.8	21.2	9.60	9.36	5.46	2.05	MAX
MIN	0.750	0.645	0.700	1.58	4.15	15.4	14.7	5.92	3.43	2.49	2.18	0.710	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.59
MAXIMUM DAILY, 34.8 ON JUL 12
MINIMUM DAILY, 0.645B ON FEB 01
MAXIMUM INSTANTANEOUS,
40.7 AT 19:40 PST ON JUL 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 53 N
LONG 118 08 50 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 160	JUL	60 000
FEB	2 010	AUG	39 500
MAR	2 600	SEP	16 400
APR	9 390	OCT	8 760
MAY	27 900	NOV	7 360
JUN	58 700	DEC	3 570

TOTAL DISCHARGE, 239 000 dam³

STODDART CREEK AT OUTLET OF CHARLIE LAKE - STATION NO. 07FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.008B	0 B	0.034B	0.285B	1.86	2.97	1.96	0.622	0.067	0.014	0 B	0 B	1
2	0.006B	0 B	0.030B	0.653B	1.92	2.88	1.92	0.558	0.061	0.011	0.001B	0 B	2
3	0.008B	0 B	0.025B	0.796	1.94	2.79	1.96	0.485	0.059	0.012	0.001B	0 B	3
4	0.012B	0 B	0.020B	0.931	1.98	2.74	1.77	0.396	0.058	0.012	0.001B	0.004B	4
5	0.015B	0 B	0.015B	0.971	1.96	2.67	1.77	0.398	0.050	0.013	0.003B	0.018B	5
6	0.020B	0 B	0.012B	1.05	1.85	2.58	1.64	0.239	0.057	0.010	0.005B	0.032B	6
7	0.022B	0 B	0.008B	1.21	1.92	2.50	1.54	0.195	0.063	0.010	0.011B	0.044B	7
8	0.026B	0 B	0.008B	1.16	1.93	2.44	1.47	0.224	0.052	0.004	0.006B	0.038B	8
9	0.030B	0 B	0.009B	1.12	1.93	2.35	1.43	0.202	0.052	0.008	0.003B	0.010B	9
10	0.029B	0 B	0.012B	1.12	1.92	2.26	1.34	0.158	0.049	0.007	0.002B	0.002B	10
11	0.026B	0 B	0.015B	1.08	2.03	2.56	1.27	0.137	0.047	0.005	0.003B	0 B	11
12	0.020B	0 B	0.016B	1.07	2.00	2.48	1.21	0.130	0.044	0.005	0.001B	0 B	12
13	0.015B	0 B	0.015B	1.04	2.05	2.97	1.19	0.120	0.044	0.007	0.006B	0 B	13
14	0.014B	0 B	0.013B	1.04	2.01	4.08	1.07	0.121	0.044	0.006	0.010B	0 B	14
15	0.015B	0 B	0.010B	1.08	2.20	4.00	1.04	0.113	0.040	0.004	0.014B	0 B	15
16	0.016B	0 B	0.009B	1.08	2.13	3.89	1.06	0.107	0.042	0.001B	0.021B	0 B	16
17	0.018B	0 B	0.008B	1.10	2.10	3.70	1.27	0.101	0.038	0 B	0.020B	0 B	17
18	0.020B	0 B	0.006B	1.14	2.13	3.53	1.26	0.098	0.035	0 B	0.018B	0 B	18
19	0.022B	0 B	0.005B	1.21	2.17	3.36	1.11	0.098	0.034	0 B	0.015B	0 B	19
20	0.021B	0 B	0.005B	1.23	2.11	3.18	1.04	0.100	0.034	0.001B	0.005B	0 B	20
21	0.020B	0.001B	0.006B	1.27	2.05	3.04	1.01	0.089	0.030	0.005B	0 B	0 B	21
22	0.018B	0.006B	0.010B	1.36	2.04	2.79	0.987	0.099	0.027	0.007B	0 B	0 B	22
23	0.016B	0.012B	0.015B	1.43	2.02	2.64	0.947	0.093	0.025	0.010B	0 B	0 B	23
24	0.012B	0.017B	0.018B	1.64	1.94	2.49	0.931	0.085	0.022	0.012B	0 B	0.001B	24
25	0.006B	0.018B	0.020B	1.79	2.15	2.44	0.907	0.086	0.024	0.015B	0.001B	0.011B	25
26	0.004B	0.020B	0.022B	1.81	2.59	2.31	0.884	0.078	0.019	0.013B	0.004B	0.010B	26
27	0.001B	0.024B	0.024B	1.82	2.91	2.23	0.852	0.070	0.017	0.009B	0.005B	0.005B	27
28	0 B	0.030B	0.025B	1.85	2.98	2.11	0.788	0.073	0.015	0.007B	0.003B	0 B	28
29	0 B		0.050B	1.81	2.98	2.04	0.741	0.072	0.011	0.011B	0.001B	0 B	29
30	0 B		0.080B	1.85	2.95	1.98	0.709	0.068	0.009	0.012B	0 B	0 B	30
31	0 B		0.240B		2.90		0.582	0.067		0.005B		0.001B	31
TOTAL	0.440	0.128	0.785	36.996	67.75	86.00	37.658	5.482	1.169	0.232	0.160	0.183	TOTAL
MEAN	0.014	0.005	0.025	1.23	2.19	2.87	1.21	0.177	0.039	0.008	0.005	0.006	MEAN
MAX	0.030	0.030	0.240	1.85	2.98	4.08	1.96	0.622	0.067	0.015	0.021	0.044	MAX
MIN	0	0	0.005	0.285	1.85	1.98	0.582	0.067	0.009	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.649
MAXIMUM DAILY, 4.08 ON JUN 14
MINIMUM DAILY, 0B ON JAN 28
MAXIMUM INSTANTANEOUS,
4.57 AT 22:25 PST ON JUN 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 28 N
LONG 120 56 51 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38.0	JUL	3 250
FEB	11.1	AUG	474
MAR	67.8	SEP	101
APR	3 200	OCT	20.0
MAY	5 850	NOV	13.8
JUN	7 430	DEC	15.8

TOTAL DISCHARGE, 20 500 dam³

STUART LAKE NEAR FORT ST. JAMES - STATION NO. 08JE003

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.506A	---	1.479A	---	---	2.696E	---	2.967A	---	1.835A	---	1.488	1
2	---	1.534A	1.497A	1.471A	1.801A	---	3.426A	---	---	---	1.573A	1.484	2
3	---	---	---	---	1.817A	---	---	2.893A	---	---	---	1.481	3
4	1.516A	---	---	1.478A	1.825A	2.762A	3.414A	---	2.277A	1.830A	---	1.496	4
5	---	1.507A	1.483A	---	---	---	---	---	---	---	1.562A	1.483	5
6	1.508A	---	---	1.480A	---	---	3.408A	2.837A	2.206A	1.810A	1.492A	1.484	6
7	---	---	1.485A	---	1.901A	2.806A	---	---	2.191A	---	1.548A	1.482	7
8	1.506A	1.537A	---	---	---	2.862A	---	2.807A	---	---	1.520A	1.491	8
9	---	1.543A	1.493A	1.482A	---	---	3.386A	---	---	1.778A	1.533	1.479	9
10	1.534A	---	---	---	1.963A	---	---	2.741A	2.145A	1.782A	1.513	1.478	10
11	---	---	---	1.488A	1.999A	---	3.376A	---	---	---	1.507	1.480	11
12	---	---	1.499A	---	---	3.062A	---	---	2.107A	1.800A	1.516	1.473	12
13	---	1.537A	---	1.498A	---	3.096A	3.372A	2.661A	---	---	1.518	1.458	13
14	---	1.533A	1.502A	---	2.065A	---	---	---	2.079A	---	1.512	1.472	14
15	---	---	---	---	---	3.200A	3.342A	2.607A	---	1.692A	1.495	1.475	15
16	---	1.525A	1.494A	1.516A	2.115A	---	3.322A	---	---	---	1.507	1.469	16
17	1.530A	---	---	---	---	---	---	2.577A	2.026A	1.670A	1.509	1.475	17
18	---	---	---	1.537A	2.179A	3.262A	3.232A	---	---	1.716A	1.500	1.475	18
19	1.546A	1.517A	1.488A	---	---	---	---	---	2.015A	1.624A	1.493	1.476	19
20	---	---	---	1.545A	---	3.298A	3.202A	2.523A	---	---	1.489	1.465	20
21	---	1.515A	1.486A	---	2.269E	---	---	---	2.009A	1.642A	1.485	1.466	21
22	1.546A	---	---	---	---	---	---	2.505A	---	1.642A	1.494	1.471	22
23	---	---	---	1.615A	2.393E	3.360A	3.150A	---	---	---	1.511	1.469	23
24	1.526A	---	1.484A	---	---	---	---	2.461A	1.947A	1.632A	1.494	1.469	24
25	---	1.503A	---	1.689A	2.485E	3.362A	---	---	1.925A	---	1.497	1.475	25
26	1.546A	1.507A	1.480A	---	---	---	3.110A	---	1.907A	1.604A	1.483	1.477	26
27	---	---	---	1.715A	---	3.402A	3.074A	2.389A	---	---	1.489	1.481	27
28	---	1.499A	1.470A	---	2.530E	---	---	---	1.853A	---	1.483	1.474	28
29	1.542A		---	---	---	3.397A	---	2.327A	---	1.562A	1.509	1.474	29
30	---		1.488A	1.793A	2.634E	---	3.004A	---	---	---	1.486	1.484	30
31	1.524A		---		---		---	2.303A		1.562A		1.494	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	1.477	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	1.496	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	1.458	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 27 18 N
LONG 124 17 08 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STUART RIVER NEAR FORT ST. JAMES - STATION NO. 08JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.7	50.7B	49.7	48.5	96.6	210	342	262	158	98.2	65.5	45.5B	1
2	50.7	51.4B	49.9	47.9	98.5	216	343	255	156	98.6	63.5	45.4B	2
3	51.9	52.0B	49.2	48.1	101	221	345	250	153	93.7	61.5	45.6B	3
4	51.7	52.5B	48.9	49.2	103	230	344	247	150	94.8	63.2	46.0B	4
5	52.7	52.4	48.8	49.6	105	235	343	245	147	92.8	62.7	46.5B	5
6	52.8	52.3	48.7	50.7	109	241	342	242	145	90.9	57.3	47.0B	6
7	53.2	52.7	48.6	52.4	111	245	339	235	144	90.5	62.0	47.5B	7
8	53.3	52.7	49.0	53.1	113	251	337	232	141	88.6	59.8	46.5B	8
9	54.0	53.3	48.8	52.8	116	256	336	230	140	91.2	59.1	46.0B	9
10	53.6	53.4	49.1	52.7	121	264	334	226	137	90.5	55.8	44.8B	10
11	52.4	53.4	49.2	53.7	125	275	332	224	136	82.8	55.7	43.0B	11
12	53.6	52.8B	48.3	54.2	128	282	333	220	136	83.9	56.7	43.5B	12
13	53.9	51.3B	48.4	55.3	132	287	331	215	131	85.0	56.5	44.0B	13
14	53.8	50.5B	48.7	56.6	135	293	325	213	131	82.1	55.5	44.2B	14
15	54.3	50.7B	48.8	58.0	139	300	324	209	129	80.2	53.5	44.3B	15
16	53.2	50.2B	49.5	59.4	143	306	324	206	129	80.8	54.6	44.1B	16
17	52.4	49.8B	49.3	60.4	146	310	318	204	123	74.6	54.9	43.8B	17
18	52.2	49.9B	49.6	62.4	150	315	314	201	122	79.6	53.4	42.4B	18
19	52.6	50.3B	49.5	64.5	155	318	310	199	122	77.9	56.0B	41.0B	19
20	51.5	50.8B	49.3	67.0	157	323	307	196	117	72.7	50.5B	39.6B	20
21	51.9	50.4	50.0	69.8	161	326	304	194	116	75.2	50.0B	39.7B	21
22	52.5	51.0	49.9	74.1	162	331	300	190	114	74.6	49.6B	39.9B	22
23	52.8	51.5	49.5	77.1	166	334	297	183	113	67.3	49.4B	40.2B	23
24	52.2	50.7	49.3	79.6	171	334	292	181	112	71.7	48.6B	40.6B	24
25	52.9	50.8	49.1	82.7	175	336	288	177	111	71.5	48.5B	41.2B	25
26	52.8	50.6	48.8	85.1	176	339	288	174	105	68.5	48.4B	41.6B	26
27	54.0	50.5	48.7	88.2	181	340	282	172	103	70.3	48.3B	41.0B	27
28	53.8B	49.9	48.4	90.5	187	340	274	170	101	69.2	47.2B	38.6B	28
29	52.8B		48.2	91.7	192	341	270	165	101	66.3	46.5B	37.0B	29
30	52.0B		48.4	94.4	198	342	266	163	97.6	65.2	46.0B	37.2B	30
31	50.5B		48.6		203		264	161		68.4		37.5B	31
TOTAL	1 635.0	1 438.7	1 519.8	1 930.3	4 456.1	8 741	9 748	6 441	3 821.6	2 497.6	1 636.2	1 325.2	TOTAL
MEAN	52.7	51.4	49.0	64.3	144	291	314	208	127	80.6	54.5	42.7	MEAN
MAX	54.3	53.4	50.0	94.4	203	342	345	262	158	98.6	65.5	47.5	MAX
MIN	50.5	49.8	48.2	47.9	96.6	210	264	161	97.6	65.2	46.0	37.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 124
MAXIMUM DAILY, 345 ON JUL 03
MINIMUM DAILY, 37.0B ON DEC 29
MAXIMUM INSTANTANEOUS,
361 AT 15:58 PST ON JUN 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 25 05 N
LONG 124 16 30 W
DRAINAGE AREA, 14 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	141 000	JUL	842 000
FEB	124 000	AUG	557 000
MAR	131 000	SEP	330 000
APR	167 000	OCT	216 000
MAY	385 000	NOV	141 000
JUN	755 000	DEC	114 000

TOTAL DISCHARGE, 3 900 000 dam³

SUGAR LAKE RESERVOIR AT THE OUTLET - STATION NO. 08LC041

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.620	8.297	5.131	3.270	4.624	6.942	8.865	10.241	10.02	8.826	8.326	9.862	1
2	9.587	8.245	5.004	3.357	4.535	7.111	8.854	10.270	10.03	8.766	8.311	9.868	2
3	9.554	8.163	4.887	3.428	4.456	7.232	8.855	10.251	10.01	8.723	8.295	9.873	3
4	9.530	8.089	4.775	3.512	4.427	7.383	8.876	10.192	9.988	8.698	8.287	9.866	4
5	9.504	7.994	4.655	3.594	4.497	7.502	8.916	10.129	9.940	8.713	8.275	9.871	5
6	9.470	7.898	4.545	3.629	4.757	7.520	9.088	10.079	9.899	8.720	8.260	9.869	6
7	9.444	7.773	4.472	3.667	5.020	7.540	9.252	10.038	9.863	8.701	8.257	9.862	7
8	9.406	7.652	4.396	3.735	5.125	7.586	9.255	10.042	9.824	8.675	8.245	9.874	8
9	9.380	7.532	4.298	3.774	5.132	7.589	9.215	10.066	9.794	8.648	8.269	9.871	9
10	9.336	7.423	4.193	3.775	5.088	7.615	9.226	10.085	9.761	8.623	8.365	9.862	10
11	9.280	7.309	4.094	3.740	5.050	7.802	9.246	10.107	9.714	8.596	8.544	9.847	11
12	9.233	7.189	3.983	3.684	5.028	8.137	9.210	10.124	9.675	8.575	8.726	9.830	12
13	9.192	7.062	3.897	3.653	5.012	8.345	9.144	10.140	9.634	8.555	8.918	9.821	13
14	9.142	6.937	3.826	3.619	4.983	8.413	9.040	10.165	9.591	8.537	9.106	9.818	14
15	9.095	6.815	3.759	3.605	4.945	8.428	8.905	10.168	9.546	8.505	9.256	9.801	15
16	9.045	6.696	3.688	3.603	4.889	8.437	8.816	10.165	9.509	8.479	9.357	9.791	16
17	8.990	6.572	3.621	3.635	4.837	8.471	8.717	10.160	9.487	8.461	9.442	9.790	17
18	8.935	6.445	3.554	3.704	4.807	8.527	8.580	10.158	9.454	8.442	9.499	9.783	18
19	8.871	6.316	3.496	3.801	4.804	8.590	8.467	10.148	9.416	8.418	9.551	9.734	19
20	8.816	6.199	3.447	3.913	4.819	8.717	8.464	10.137	9.368	8.398	9.594	9.694	20
21	8.769	6.081	3.416	4.060	4.831	8.831	8.559	10.105	9.332	8.383	9.624	9.663	21
22	8.745	5.966	3.403	4.256	4.842	8.880	8.696	10.123	9.286	8.375	9.657	9.630	22
23	8.703	5.851	3.395	4.482	4.924	8.970	8.845	10.136	9.240	8.360	9.697	9.591	23
24	8.652	5.731	3.377	4.701	5.079	9.084	9.042	10.130	9.204	8.338	9.736	9.562	24
25	8.608	5.614	3.347	4.854	5.308	9.156	9.226	10.112	9.162	8.314	9.774	9.542	25
26	8.563	5.488	3.325	4.927	5.502	9.112	9.403	10.098	9.113	8.308	9.798	9.515	26
27	8.510	5.363	3.300	4.933	5.624	9.044	9.586	10.076	9.058	8.312	9.822	9.497	27
28	8.471	5.252	3.278	4.884	5.730	8.973	9.752	10.048	8.993	8.308	9.836	9.456	28
29	8.444		3.255	4.825	5.973	8.893	9.897	10.019	8.941	8.311	9.850	9.423	29
30	8.393		3.255	4.744	6.395	8.844	10.03	10.001	8.883	8.317	9.859	9.393	30
31	8.340		3.239		6.734		10.15	10.020		8.324		9.381	31
MEAN	9.020	6.855	3.880	3.979	5.090	8.256	9.103	10.120	9.525	8.507	9.085	9.717	MEAN
MAX	9.620	8.297	5.131	4.933	6.734	9.156	10.15	10.270	10.03	8.826	9.859	9.874	MAX
MIN	8.340	5.252	3.239	3.270	4.427	6.942	8.464	10.001	8.883	8.308	8.245	9.381	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MEAN, 7.769
MAXIMUM DAILY, 10.270 ON AUG 02
MINIMUM DAILY, 3.239 ON MAR 30
MAXIMUM INSTANTANEOUS,
10.289 AT 14:37 PST ON AUG 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 28 N
LONG 118 32 13 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUKUNKA RIVER NEAR THE MOUTH - STATION NO. 07FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.3 B	8.10B	11.4 B	12.7B	55.4	541	111	26.1	12.9	4.42	26.1	10.7 B	1
2	14.5 B	8.15B	11.6 B	13.0B	63.4	341	99.9	25.2	14.1	6.12	29.9	10.5 B	2
3	13.0 B	8.30B	11.8 B	13.2B	78.0	268	114	23.2	14.1	7.07	29.2	10.6 B	3
4	12.0 B	8.40B	11.9 B	13.6B	110	397	121	22.2	13.7	7.45	18.4 E	10.8 B	4
5	11.0 B	8.50B	12.0 B	13.8B	160	342	102	21.4	12.9	7.60	17.5 E	11.0 B	5
6	10.8 B	8.60B	11.9 B	13.9B	238	292	97.0	20.0	12.4	6.59	17.0 B	11.3 B	6
7	10.9 B	8.80B	11.7 B	13.9B	197	266	96.3	19.6	11.7	6.17	16.5 B	11.6 B	7
8	11.0 B	8.95B	11.4 B	13.7B	149	277	92.2	17.9	10.2	6.00	15.4 B	11.5 B	8
9	11.0 B	9.05B	10.9 B	13.5B	127	269	92.2	16.5	10.2	12.3	14.0 B	11.0 B	9
10	11.0 B	9.20B	10.6 B	13.3B	132	253	84.5	15.8	10.2	66.3	12.8 B	10.3 B	10
11	10.9 B	9.15B	10.5 B	13.1B	135	390	80.9	15.4	9.62	41.1	10.4 B	9.85B	11
12	10.7 B	9.10B	10.6 B	12.9B	123	705	78.6	15.8	8.92	29.1	8.21B	9.60B	12
13	10.6 B	8.90B	10.7 B	13.0B	110	623	78.2	22.3	8.62	24.3	10.7 B	9.55B	13
14	10.8 B	8.70B	10.8 B	13.2	103	385	69.4	21.8	8.21	22.2	15.0 B	9.50B	14
15	10.9 B	8.70B	11.0 B	14.5	103	337	59.6	19.6	7.35	19.5	16.3 B	9.30B	15
16	11.0 B	8.75B	11.2 B	16.7	117	309	58.2	17.2	6.55	16.6	17.1 B	9.00B	16
17	11.4 B	8.80B	11.1 B	18.6	141	255	55.4	16.1	6.71	15.3	17.0 B	8.80B	17
18	11.6 B	8.90B	10.9 B	23.6	167	216	51.6	16.8	6.62	14.7	16.1 B	8.40B	18
19	11.7 B	9.00B	10.0 B	57.9	187	199	48.9	15.5	6.40	14.8	14.0 B	8.29B	19
20	11.9 B	9.21B	9.80B	53.5	212	184	45.2	14.5	6.60	13.8	12.2 B	8.00B	20
21	12.1 B	9.30B	9.90B	72.8	205	181	41.5	14.0	6.58	13.4	11.6 B	8.10B	21
22	12.2 B	9.45B	10.0 B	83.6	208	188	39.1	14.1	6.04	13.4	11.5 B	8.20B	22
23	11.9 B	9.70B	10.3 B	88.5	202	198	38.2	22.3	5.82	13.4	11.5 B	8.25B	23
24	11.4 B	10.0 B	10.7 B	97.6	223	167	38.5	23.1	5.44	13.7	11.6 B	8.30B	24
25	10.7 B	10.2 B	11.0 B	110	272	139	38.5	19.2	5.02	46.7	11.7 B	8.35B	25
26	10.2 B	10.3 B	11.2 B	95.5	390	131	37.2	16.3	4.76	44.2	11.8 B	8.25B	26
27	9.60B	10.4 B	11.5 B	78.9	348	132	34.2	15.2	4.71	35.6	11.9 B	8.15B	27
28	9.10B	10.7 B	11.8 B	66.1	353	122	33.1	13.6	4.30	31.3	11.8 B	8.10B	28
29	8.50B		12.5 B	57.2	401	111	29.6	12.5	3.79	28.5	11.6 B	8.05B	29
30	8.20B		12.5 B	53.2	472	106	27.7	12.5	3.75	32.5	11.1 B	7.95B	30
31	8.10B		12.6 B		581		27.5	12.9		28.4		7.80B	31
TOTAL	346.00	255.31	345.50	1 155.0	6 362.8	8 324	2 021.5	558.6	248.21	649.12	432.91	289.09	TOTAL
MEAN	11.2	9.12	11.1	38.5	205	277	65.2	18.0	8.27	20.9	14.4	9.33	MEAN
MAX	17.3	10.7	12.6	110	581	705	121	26.1	14.1	66.3	26.1	11.6	MAX
MIN	8.10	8.10	9.80	12.7	55.4	106	27.5	12.5	3.75	4.42	8.21	7.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 57.5
MAXIMUM DAILY, 705 ON JUN 12
MINIMUM DAILY, 3.75 ON SEP 30
MAXIMUM INSTANTANEOUS,
788 AT 21:50 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 34 N
LONG 121 37 28 W
DRAINAGE AREA, 2 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 900	JUL	175 000
FEB	23 100	AUG	48 300
MAR	29 900	SEP	21 400
APR	99 800	OCT	56 100
MAY	550 000	NOV	37 400
JUN	719 000	DEC	25 000

TOTAL DISCHARGE, 1 810 000 dam³

SULLIVAN CREEK NEAR CANYON - STATION NO. 08NH115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.014	0.014	0.019	0.070	0.124	0.632	0.139	0.043	0.031	0.021	0.024	0.026	1
2	0.013	0.015	0.020	0.106	0.135	0.542	0.136	0.042	0.030	0.020	0.019	0.026	2
3	0.013	0.016	0.020	0.124	0.141	0.474	0.128	0.040	0.029	0.021	0.019	0.026	3
4	0.014	0.014	0.018	0.123	0.150	0.553	0.122	0.038	0.029	0.022	0.019	0.026	4
5	0.014	0.016	0.019	0.119	0.172	0.507	0.117	0.037	0.029	0.022	0.017	0.025	5
6	0.016	0.016	0.021	0.112	0.192	0.418	0.113	0.035	0.029	0.019	0.015	0.024	6
7	0.016	0.016	0.022	0.120	0.187	0.388	0.108	0.033	0.028	0.019	0.017	0.022	7
8	0.019	0.014	0.022	0.135	0.176	0.358	0.103	0.033	0.028	0.019	0.016	0.023	8
9	0.022	0.015B	0.022	0.144	0.160	0.348	0.099	0.032	0.028	0.018	0.047	0.026	9
10	0.035	0.016	0.022	0.118	0.148	0.339	0.095	0.030	0.027	0.025	0.049	0.033	10
11	0.024	0.017	0.020	0.105	0.141	0.333	0.089	0.030	0.026	0.019	0.036	0.035	11
12	0.022	0.016	0.019	0.105	0.139	0.323	0.085	0.029	0.026	0.019	0.030	0.030	12
13	0.020	0.015	0.019	0.104	0.142	0.298	0.082	0.029	0.025	0.019	0.027	0.026	13
14	0.018	0.015B	0.017	0.106	0.146	0.289	0.077	0.029	0.024	0.017	0.024	0.025	14
15	0.020	0.014B	0.017	0.116	0.146	0.266	0.075	0.029	0.024	0.019	0.023	0.024	15
16	0.019	0.014B	0.018	0.124	0.146	0.258	0.073	0.029	0.024	0.019	0.023	0.024	16
17	0.017	0.014	0.018	0.125	0.148	0.244	0.070	0.028	0.024	0.018	0.022	0.024	17
18	0.016	0.013	0.019	0.135	0.163	0.245	0.067	0.029	0.023	0.021	0.020	0.023B	18
19	0.016	0.013	0.026	0.151	0.165	0.250	0.064	0.030	0.023	0.021	0.020	0.021B	19
20	0.018	0.013	0.035	0.164	0.170	0.247	0.061	0.032	0.022	0.021	0.020	0.019B	20
21	0.016	0.013	0.041	0.166	0.173	0.240	0.058	0.047	0.022	0.022	0.018	0.016B	21
22	0.018	0.014	0.041	0.170	0.174	0.236	0.055	0.038	0.023	0.022	0.024	0.014B	22
23	0.019	0.014	0.035	0.167	0.192	0.227	0.053	0.035	0.022	0.022	0.037	0.016B	23
24	0.017	0.014	0.029	0.170	0.225	0.221	0.054	0.032	0.022	0.022	0.064	0.018B	24
25	0.017	0.015	0.026	0.159	0.326	0.219	0.067	0.040	0.022	0.024	0.071	0.019B	25
26	0.018	0.014	0.026	0.147	0.276	0.208	0.063	0.035	0.022	0.029	0.043	0.020B	26
27	0.017	0.016	0.025	0.139	0.282	0.193	0.059	0.032	0.022	0.024	0.035	0.020B	27
28	0.018	0.017	0.024	0.134	0.283	0.179	0.053	0.030	0.021	0.024	0.033	0.016B	28
29	0.018		0.026	0.125	0.265	0.163	0.048	0.029	0.021	0.022	0.032	0.014B	29
30	0.017		0.030	0.120	0.274	0.150	0.047	0.039	0.021	0.026	0.027	0.019B	30
31	0.015		0.043		0.281		0.045	0.033		0.039		0.020B	31
TOTAL	0.556	0.413	0.759	3.903	5.842	9.348	2.505	1.047	0.747	0.674	0.871	0.700	TOTAL
MEAN	0.018	0.015	0.025	0.130	0.189	0.312	0.081	0.034	0.025	0.022	0.029	0.023	MEAN
MAX	0.035	0.017	0.043	0.170	0.326	0.632	0.139	0.047	0.031	0.039	0.071	0.035	MAX
MIN	0.013	0.013	0.017	0.070	0.124	0.150	0.045	0.028	0.021	0.017	0.015	0.014	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 0.632 ON JUN 01
MINIMUM DAILY, 0.013 ON JAN 02
MAXIMUM INSTANTANEOUS,
0.851 AT 11:40 MST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 14 N
LONG 116 25 35 W
DRAINAGE AREA, 6.22 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48.0	JUL	216
FEB	35.7	AUG	90.5
MAR	65.6	SEP	64.5
APR	337	OCT	58.2
MAY	505	NOV	75.3
JUN	808	DEC	60.5

TOTAL DISCHARGE, 2 360 dam³

SUMAS RIVER NEAR HUNTINGDON - STATION NO. 08MH029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.89	5.71	4.47	2.63	2.46	1.72	1.56	0.754	1.08	0.764	5.38	9.46	1
2	3.08	5.58	4.15	2.61	2.38	1.68	1.56	0.829	0.960	0.751	3.23	11.3	2
3	3.07	7.65	3.98	2.59	2.25	2.63	1.56	0.809	0.903	0.857	2.75	11.1	3
4	4.14	8.84	3.87	2.47	2.12	6.17	1.48	0.772	0.868	1.64	3.30	13.0	4
5	5.60	7.61	3.74	2.40	2.02	8.46	1.46	0.805	0.837	3.51	3.96	13.9	5
6	6.74	6.23	3.67	2.34	1.93	5.43	1.52	0.852	0.818	3.07	3.69	11.1	6
7	7.61	5.60	5.39	2.28	1.87	5.79	1.55	0.757	0.820	1.71	3.73	8.79	7
8	7.63	5.64	9.17	2.23	1.88	7.21	1.50	0.737	0.814	1.29	4.33	9.25	8
9	8.11	6.76	8.04	2.19	1.81	5.59	1.44	0.744	0.815	1.20	8.06	18.0	9
10	11.8	18.3	7.12	2.12	1.76	6.11	1.39	0.751	0.798	1.24	41.6 E	26.6	10
11	10.6	32.2	6.92	2.08	1.73	7.55	1.33	0.776	0.786	1.19	51.0 E	19.4	11
12	7.13	23.5	5.55	2.04	1.75	7.39	1.27	0.843	0.773	1.44	39.5	15.9	12
13	6.02	14.8	4.70	2.05	1.73	5.71	1.24	0.790	0.760	1.30	27.6	10.8	13
14	5.87	10.2	4.60	2.14	1.75	4.10	1.19	0.751	0.752	1.30	17.3	9.95	14
15	5.19	8.16	4.80	2.06	1.69	3.39	1.17	0.742	0.764	1.27	13.2	7.93	15
16	4.59	7.06	4.34	1.96	1.65	2.95	1.15	0.707	0.862	1.38	10.4	7.64	16
17	4.07	5.91E	4.05	2.02	1.62	2.70	1.10	0.737	0.889	1.55	9.26	8.19	17
18	3.69	5.45E	4.23	2.05	1.61	2.50	1.06	0.813	0.838	1.52	8.92	11.0	18
19	3.48	5.32E	4.21	2.02	1.61	2.33	1.00	0.918	0.816	1.51	7.52	10.4 B	19
20	3.29	6.00E	4.14	2.19	1.60	2.24	0.948	0.926	0.811	1.45	7.18	9.30B	20
21	3.26	8.22E	4.10	2.10	1.74	2.14	0.926	0.869	0.807	1.85	7.60	8.75B	21
22	6.91	7.20E	3.78	2.01	1.65	2.02	0.925	0.884	0.789	3.05	8.48	7.81B	22
23	10.4	6.60E	3.53	2.24	1.62	1.94	0.946	0.897	0.773	2.53	12.6	7.41B	23
24	8.41	6.30E	3.40	2.35	1.58	1.88	0.856	0.892	0.754	1.95	25.9	7.40B	24
25	8.07	6.30E	3.25	2.69	1.55	1.82	0.853	0.856	0.754	1.69	46.5	7.55B	25
26	7.44	5.71E	3.10	3.46	1.52	1.78	0.892	0.864	0.764	1.65	31.5	8.00B	26
27	6.20	5.31E	2.96	3.94	1.51	1.73	0.978	0.841	0.755	1.62	17.9	8.40B	27
28	5.92	4.83A	2.85	3.25	1.52	1.69	0.934	0.799	0.752	1.53	12.6	7.00B	28
29	6.73		2.78	2.44	1.47	1.66	0.946	0.797	0.758	1.73	10.2	6.75B	29
30	7.31		2.71	2.70	1.45	1.61	0.928	0.990	0.747	3.06	9.21	6.72B	30
31	7.44		2.67		1.51		0.756	1.10		6.19		7.50B	31
TOTAL	192.89	247.01	136.27	71.25	54.34	109.92	36.418	25.610	24.417	57.092	450.40	323.30	TOTAL
MEAN	6.22	8.82	4.40	2.38	1.75	3.66	1.17	0.826	0.814	1.84	15.0	10.4	MEAN
MAX	11.8	32.2	9.17	3.46	2.46	8.46	1.56	1.10	1.08	6.19	51.0	26.6	MAX
MIN	2.89	4.83	2.67	1.96	1.45	1.61	0.756	0.707	0.747	0.751	2.75	6.72	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.74
MAXIMUM DAILY, 51.0E ON NOV 11
MINIMUM DAILY, 0.707 ON AUG 16
MAXIMUM INSTANTANEOUS,
55.5E AT 13:32 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 09 N
LONG 122 13 50 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 700	JUL	3 150
FEB	21 300	AUG	2 210
MAR	11 800	SEP	2 110
APR	6 160	OCT	4 930
MAY	4 690	NOV	38 900
JUN	9 500	DEC	27 900

TOTAL DISCHARGE, 149 000 dam³

REMARKS - BANKFULL IS APPROX. 3.5 M. AVERAGE G.H. ON NOV 10,11&12 WAS 3.579,4.041 & 3.564. ESTIMATES OF DISCHARGE ARE CONSERVATIVE

SURPRISE CREEK NEAR THE MOUTH - STATION NO. 08DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.76B	1.40B	1.06 B	2.02	10.3	58.0	45.0	31.0	17.5	11.7	3.49	1.80B	1
2	2.62B	1.37B	1.08 B	2.15	11.4	51.4	40.4	21.8	15.3	9.48	3.32	1.75B	2
3	2.45B	1.35B	1.09 B	2.49	13.8	57.7	41.4	22.1	14.7	7.35	3.15	1.71B	3
4	2.36B	1.34B	1.10 B	2.52	15.2	61.0	43.8	27.6	17.7	6.26	3.02	1.68B	4
5	2.30B	1.34B	1.09 B	2.56	19.1	46.7	45.6	27.0	19.9	5.46	2.69	1.67B	5
6	2.28B	1.34B	1.08 B	2.46	18.7	42.4	51.0	26.4	16.0	5.09	2.53B	2.70B	6
7	2.30B	1.34B	1.06 B	2.58	14.8	45.5	55.8	24.8	20.4	5.76	2.43B	2.90B	7
8	2.33B	1.34B	1.04 B	2.68	16.9	48.5	50.5	23.3	15.2	20.4	2.36B	2.50B	8
9	2.32B	1.33B	1.01 B	2.53	19.8	47.6	42.4	29.4	15.4	12.6	2.28B	2.30B	9
10	2.26B	1.31B	0.990B	2.46	20.9	48.1	52.1	33.5	12.9	8.81	2.20B	2.03B	10
11	2.18B	1.29B	0.970B	2.39	22.6	52.2	44.0	41.5	15.1	6.90	2.12B	1.95B	11
12	2.09B	1.27B	0.960B	2.34	21.6	50.3	41.3	46.0	15.2	6.99	2.09B	1.88B	12
13	2.00B	1.23B	0.960B	2.66	21.3	56.7	37.0	45.2	14.3	6.19	2.06B	1.86B	13
14	1.94B	1.15B	0.965B	4.14	23.6	61.3	29.8	39.6	15.2	5.50	2.05B	1.85B	14
15	1.87B	1.13B	0.970B	5.97	25.8	64.1	29.4	27.5	18.0	5.08	2.03B	1.85B	15
16	1.82B	1.11B	0.990B	6.59	26.1	57.0	28.0	26.3	13.3	4.66	2.01B	1.84B	16
17	1.78B	1.08B	1.00 B	8.52	27.2	47.3	25.3	29.0	11.1	4.51	1.99B	1.78B	17
18	1.78B	1.06B	1.00 B	10.1	26.7	43.6	28.2	29.6	15.3	4.31	1.98B	1.70B	18
19	1.76B	1.05B	1.01 B	11.1	21.8	43.6	33.6	27.2	11.6	3.92	1.96B	1.68B	19
20	1.79B	1.04B	1.01 B	12.2	22.3	42.3	36.7	33.7	11.6	3.91	1.96B	1.69B	20
21	1.78B	1.02B	1.00 B	13.6	28.0	68.2	42.0	27.5	15.9	3.93	1.92B	1.74B	21
22	1.78B	1.01B	0.990B	11.8	31.6	68.3	46.2	21.7	22.4	3.80	1.88B	1.77B	22
23	1.76B	1.00B	0.980B	10.5	31.4	55.6	45.4	19.9	27.9	6.44	1.82B	1.76B	23
24	1.75B	1.00B	0.975B	9.61	26.3	41.7	47.9	16.2	31.0	10.9	1.80B	1.82B	24
25	1.73B	1.00B	0.970B	9.36	27.3	37.5	47.6	16.1	19.4	6.90	1.80B	1.90B	25
26	1.70B	1.01B	0.975B	9.87	32.9	37.3	40.6	17.7	11.7	4.97	1.81B	1.90B	26
27	1.67B	1.02B	1.03	9.73	40.2	34.5	34.1	22.8	10.2	4.72	1.84B	1.83B	27
28	1.62B	1.04B	1.37	9.50	62.3	36.6	33.7	28.8	29.8	4.26	1.85B	1.83B	28
29	1.55B		1.93	9.80	65.8	46.5	40.1	34.3	19.9	3.99	1.85B	1.85B	29
30	1.49B		2.23	10.1	55.9	45.6	45.5	28.8	14.3	3.96	1.83B	1.83B	30
31	1.45B		2.20		56.7		51.2	25.5		3.67		1.80B	31
TOTAL	61.29	32.97	35.085	194.53	858.3	1 497.1	1 275.6	869.8	508.2	202.42	66.32	59.15	TOTAL
MEAN	1.98	1.18	1.13	6.48	27.7	49.9	41.1	28.1	16.9	6.53	2.21	1.91	MEAN
MAX	2.76	1.40	2.23	13.6	65.8	68.3	55.8	46.0	31.0	20.4	3.49	2.90	MAX
MIN	1.45	1.00	0.960	2.02	10.3	34.5	25.3	16.1	10.2	3.67	1.80	1.67	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.5
MAXIMUM DAILY, 68.3 ON JUN 22
MINIMUM DAILY, 0.960B ON MAR 12
MAXIMUM INSTANTANEOUS,
76.1 AT 01:30 PST ON JUN 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 35 N
LONG 129 28 33 W
DRAINAGE AREA, 221 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 300	JUL	110 000
FEB	2 850	AUG	75 200
MAR	3 030	SEP	43 900
APR	16 800	OCT	17 500
MAY	74 200	NOV	5 730
JUN	129 000	DEC	5 110

TOTAL DISCHARGE, 489 000 dam³

SWALWELL LAKE NEAR OKANAGAN CENTRE - STATION NO. 08NM062

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3.915	3.825	3.494	---	---	---	---	1
2	---	---	---	1.837	2.946	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	3.444	---	2.633	---	---	3
4	---	---	---	1.857	2.986	3.955	3.805	---	2.904	---	---	2.525	4
5	---	---	---	---	---	3.961	---	---	---	---	2.463	2.523	5
6	---	---	---	1.866	---	3.965	---	---	---	---	---	---	6
7	---	---	---	---	3.136	---	3.815	3.364	2.894	---	---	---	7
8	1.839	---	---	---	---	3.975	---	---	---	---	---	---	8
9	---	---	---	1.946	3.166	---	3.805	---	---	---	---	---	9
10	---	---	---	---	---	---	---	3.274	2.884	---	---	---	10
11	---	---	---	---	3.176	4.136E	3.805	---	---	---	---	---	11
12	---	1.808	---	2.106	---	---	---	---	2.884	---	---	---	12
13	---	---	---	---	---	4.236E	3.795	3.194	---	---	---	---	13
14	---	---	1.727	---	3.236	---	---	---	2.874	---	---	---	14
15	1.869	1.808	---	---	---	4.036E	3.785	3.164	---	---	---	---	15
16	---	---	---	---	---	---	3.785	---	---	---	---	---	16
17	---	---	---	2.326	---	3.985	---	3.134	2.844	---	---	---	17
18	---	---	---	---	3.356	---	3.775	---	---	---	---	2.553	18
19	---	---	1.709	---	---	3.935	---	---	2.829	---	---	---	19
20	---	---	---	2.396	---	3.865	3.745	3.064	---	---	---	---	20
21	---	---	---	---	---	3.915	---	---	2.794	---	---	---	21
22	---	---	---	---	---	3.885	---	3.034	---	2.483	2.523	---	22
23	---	---	---	2.622	3.456	---	3.714	---	---	2.471	---	---	23
24	---	---	---	---	3.489	---	---	2.984	2.723	---	---	---	24
25	---	---	---	---	---	3.845	3.694	---	---	---	---	---	25
26	---	---	---	---	---	---	3.626	---	2.703	---	---	---	26
27	---	---	---	2.796	---	3.835	3.664	2.974	---	---	---	---	27
28	---	1.788	---	---	3.835	---	---	---	2.663	---	---	---	28
29	---	---	---	---	---	3.825	---	2.964	---	---	---	2.583	29
30	1.838	---	1.687	2.926	3.915	---	3.554	---	---	---	---	---	30
31	---	---	---	---	---		---	2.954	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1923

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SWIFT CREEK NEAR THE MOUTH - STATION NO. 08KA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.550B	0.502B	0.459B	0.571	1.14	19.1	14.0	3.68	2.05	1.06	0.908	0.745B	1
2	0.549B	0.494B	0.461B	0.583	1.29	18.7	14.7	3.30	2.[illegible]	0.930	0.789B	0.736B	2
3	0.547B	0.484B	0.461B	0.558	1.40	18.9	13.8	2.84	1.79	0.899	0.787B	0.726B	3
4	0.545B	0.480B	0.460B	0.547	1.76	17.3	12.4	2.55	1.49	1.11	0.793B	0.724B	4
5	0.550B	0.479B	0.459B	0.581	2.92	19.0	12.4	2.69	1.49	1.14	0.781B	0.720B	5
6	0.563B	0.478B	0.458B	0.617	7.14	17.1	18.1	2.99	1.32	0.782	0.775B	0.711B	6
7	0.566B	0.478B	0.458B	0.586	4.03	11.7	13.0	2.38	1.26	1.11	0.778B	0.700B	7
8	0.564B	0.476B	0.453B	0.621	2.92	11.7	14.6	2.38	1.22	0.990	0.775B	0.698B	8
9	0.563B	0.464B	0.459B	0.633	2.64	12.1	14.9	2.19	1.25	0.930	0.770B	0.691B	9
10	0.554B	0.456B	0.459B	0.566	2.50	13.1	12.6	2.27	1.20	1.01	0.766B	0.690B	10
11	0.546B	0.445B	0.459B	0.578	2.68	19.6	14.4	1.91	1.11	0.858	0.800B	0.678B	11
12	0.541B	0.437B	0.462B	0.565	2.75	15.8	16.5	2.23	1.14	0.980	1.10 B	0.677B	12
13	0.540B	0.424B	0.464B	0.589	2.50	12.8	12.6	2.15	1.05	0.909	1.47 B	0.677B	13
14	0.539B	0.419B	0.470B	0.630	2.35	12.1	8.99	3.67	1.03	0.848	1.48 B	0.678B	14
15	0.539B	0.411B	0.477B	0.642	2.66	12.5	7.48	2.23	1.00	0.789	1.32 B	0.680B	15
16	0.538B	0.407B	0.510B	0.685	3.13	18.1	7.56	1.94	2.45	0.697	1.16 B	0.683B	16
17	0.536B	0.403B	0.539B	0.741	3.81	17.7	6.70	1.78	1.89	0.828	1.04 B	0.681B	17
18	0.528B	0.402B	0.544B	0.811	3.83	16.8	5.60	1.75	1.53	0.828	0.936B	0.678B	18
19	0.522B	0.399B	0.545B	0.697	4.08	17.7	5.03	1.73	1.29	0.803	0.845B	0.660B	19
20	0.521B	0.398B	0.549B	1.18	4.28	17.0	4.61	1.29	1.21	0.775	0.790B	0.645B	20
21	0.527B	0.399B	0.540B	1.52	5.44	18.8	4.58	1.59	1.21	0.753	0.758B	0.638B	21
22	0.529B	0.402B	0.458B	1.55	4.56	22.4	4.79	1.89	1.40	0.810	0.757B	0.626B	22
23	0.534B	0.406B	0.452B	1.49	5.31	29.1	5.43	2.08	1.14	0.753	0.762B	0.622B	23
24	0.538B	0.417B	0.454B	1.71	6.79	25.2	5.64	1.72	1.03	0.810	0.790B	0.623B	24
25	0.539B	0.424B	0.470B	1.52	6.33	20.5	5.43	1.55	1.05	1.68	0.815B	0.625B	25
26	0.537B	0.436B	0.495B	1.36	11.0	18.9	5.50	1.78	1.02	1.90	0.819B	0.631B	26
27	0.529B	0.441B	0.535	1.24	13.4	16.3	5.06	1.50	1.01	1.29	0.809B	0.632B	27
28	0.520B	0.454B	0.540	1.17	15.4	14.6	4.38	1.33	0.890	1.46	0.794B	0.632B	28
29	0.519B		0.518	1.09	18.8	14.1	4.30	1.29	0.971	1.15	0.768B	0.630B	29
30	0.518B		0.544	0.930	22.5	14.4	4.02	2.19	0.889	1.03	0.757B	0.627B	30
31	0.513B		0.533		22.7		4.12	2.92		0.949		0.623B	31
TOTAL	16.704	12.315	15.150	26.561	192.04	513.1	283.22	67.79	39.390	30.861	26.692	20.787	TOTAL
MEAN	0.539	0.440	0.489	0.885	6.19	17.1	9.14	2.19	1.31	0.996	0.890	0.671	MEAN
MAX	0.566	0.502	0.549	1.71	22.7	29.1	18.1	3.68	2.45	1.90	1.48	0.745	MAX
MIN	0.513	0.398	0.452	0.547	1.14	11.7	4.02	1.29	0.889	0.697	0.757	0.622	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.41
MAXIMUM DAILY, 29.1 ON JUN 23
MINIMUM DAILY, 0.398B ON FEB 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 50 18 N
LONG 119 16 00 W
DRAINAGE AREA, 132 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 440	JUL	24 500
FEB	1 060	AUG	5 860
MAR	1 310	SEP	3 400
APR	2 290	OCT	2 670
MAY	16 600	NOV	2 310
JUN	44 300	DEC	1 800

TOTAL DISCHARGE, 108 000 dam³

SWIFT RIVER NEAR SWIFT RIVER - STATION NO. 09AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.3B	13.9B	11.4B	10.4B	29.4E	307	143	44.9	27.7	31.7	17.6B	12.7B	1
2	18.0B	13.8B	11.4B	10.5B	31.7A	348	136	44.2	27.0	31.0	17.0B	12.7B	2
3	17.8B	13.7B	11.3B	10.5B	31.7	322	129	42.7	27.1	31.2	16.7B	12.6B	3
4	17.6B	13.6B	11.2B	10.5B	32.5	275	120	40.9	27.7	31.2	16.3B	12.5B	4
5	17.4B	13.5B	11.2B	10.6B	33.4	246	114	39.5	29.8	30.6	16.1B	12.5B	5
6	17.3B	13.4B	11.2B	10.6B	34.3	232	108	38.3	30.2	30.0	15.9B	12.4B	6
7	17.2B	13.3B	11.1B	10.7B	37.1	240	104	37.8	29.8	30.0	15.7B	12.4B	7
8	17.0B	13.2B	11.1B	10.7B	40.8	261	98.8	37.1	29.1	30.7	15.5B	12.4B	8
9	16.9B	13.1B	11.0B	10.7B	44.4	263	93.5	36.1	28.1	31.9	15.3B	12.3B	9
10	16.7B	13.0B	11.0B	10.8B	49.7	242	90.5	36.1	27.6	31.9	15.0B	12.3B	10
11	16.5B	12.9B	10.9B	10.9B	55.0	213	87.9	35.5	27.4	31.4	14.8B	12.3B	11
12	16.4B	12.8B	10.9B	11.0B	58.4	195	85.7	34.3	27.4	30.5	14.6B	12.2B	12
13	16.3B	12.7B	10.9B	11.3B	61.8	186	85.1	33.6	27.1	29.7	14.4B	12.2B	13
14	16.2B	12.6B	10.9B	11.7B	66.0	184	82.2	32.6	26.7	29.0	14.3B	12.1B	14
15	16.0B	12.5B	10.8B	12.0B	75.5	185	78.6	31.4	26.7	28.5	14.2B	12.0B	15
16	15.8B	12.4B	10.6B	12.4B	85.0	186	75.1	30.6	27.1	27.9	14.0B	12.0B	16
17	15.7B	12.3B	10.8B	13.0B	88.7	175	73.0	29.8	26.7	23.0B	13.8B	12.0B	17
18	15.5B	12.3B	10.8B	13.8B	92.5	160	74.8	29.6	27.0	22.0B	13.7B	11.9B	18
19	15.3B	12.2B	10.7B	14.3B	96.7	148	72.7	29.7	29.0	21.0B	13.6B	11.9B	19
20	15.2B	12.1B	10.7B	15.2B	101	139	67.8	30.2	29.8	19.0B	13.4B	11.9B	20
21	15.2B	12.0B	10.7B	16.0B	109	132	63.9	30.5	29.4	17.3B	13.3B	11.9B	21
22	15.1B	11.9B	10.7B	17.0B	120	131	61.0	31.4	29.6	17.0B	13.2B	11.8B	22
23	15.0B	11.8B	10.6B	18.0B	129	136	57.8	31.3	29.6	17.1B	13.2B	11.8B	23
24	14.9B	11.7B	10.6B	19.2B	126	150	56.4	31.1	30.7	17.3B	13.1B	11.8B	24
25	14.8B	11.7B	10.5B	20.1B	119	172	53.7	30.5	31.3	17.6B	13.1B	11.8B	25
26	14.7B	11.6B	10.5B	21.4B	119	173	51.9	29.5	32.4	17.9B	13.0B	11.7B	26
27	14.6B	11.6B	10.5B	22.8B	132	178	50.3	29.1	32.2	18.2B	12.9B	11.7B	27
28	14.4B	11.5B	10.5B	24.0B	158	169	48.6	29.4	32.1	18.4B	12.9B	11.7B	28
29	14.3B		10.5B	26.0B	193	153	47.7	29.1	32.0	18.5B	12.8B	11.7B	29
30	14.2B		10.5B	27.5B	223	147	46.3	28.8	32.3	18.1B	12.8B	11.7B	30
31	14.0B		10.5B		256		45.3	28.2		17.9B		11.6B	31
TOTAL	494.2	353.1	336.2	443.6	2 829.6	6 048	2 502.6	1 043.8	870.6	767.5	432.2	374.5	TOTAL
MEAN	15.9	12.6	10.8	14.8	91.3	202	80.7	33.7	29.0	24.8	14.4	12.1	MEAN
MAX	18.3	13.9	11.4	27.5	256	348	143	44.9	32.4	31.9	17.6	12.7	MAX
MIN	14.0	11.5	10.5	10.4	29.4	131	45.3	28.2	26.7	17.0	12.8	11.6	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.2
MAXIMUM DAILY, 348 ON JUN 02
MINIMUM DAILY, 10.4B ON APR 01
MAXIMUM INSTANTANEOUS,
354 AT 15:30 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 55 50 N
LONG 131 46 04 W
DRAINAGE AREA, 3 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 700	JUL	216 000
FEB	30 500	AUG	90 200
MAR	29 000	SEP	75 200
APR	38 300	OCT	66 300
MAY	244 000	NOV	37 300
JUN	523 000	DEC	32 400

TOTAL DISCHARGE, 1 420 000 dam³

TABOR CREEK ABOVE SWEDE CREEK - STATION NO. 08KE032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.375B	0.211B	0.172B	1.71B	1.18	1.13	0.194	0.084	0.004	0	0.110B	0.077B	1
2	0.373B	0.210B	0.173B	2.30B	1.16	1.17	0.214E	0.057	0.003	0	0.106B	0.071B	2
3	0.374B	0.210B	0.174B	3.12B	1.09	1.33	0.251E	0.050E	0.002	0	0.105B	0.070B	3
4	0.379B	0.209B	0.176B	4.21B	0.951	1.19	0.292	0.041E	0.003	0	0.104B	0.071B	4
5	0.381B	0.207B	0.175B	4.06B	0.868	0.956	0.261	0.031E	0.001	0	0.103B	0.072B	5
6	0.380B	0.203B	0.174B	3.75B	0.855	0.775	0.268	0.021E	0.001	0	0.104B	0.076B	6
7	0.372B	0.197B	0.175B	3.54	1.60	0.747	0.257	0.012E	0.001	0	0.106B	0.084B	7
8	0.361B	0.193B	0.177B	2.87	1.43	0.712	0.248	0.004	0.001	0	0.107B	0.099B	8
9	0.348B	0.188B	0.179B	2.34	1.16	0.685	0.234	0.003E	0.001	0	0.107B	0.072B	9
10	0.336B	0.184B	0.181B	1.74	0.910	0.511	0.215	0.002E	0	0	0.106B	0.059B	10
11	0.330B	0.182B	0.183B	1.65	0.755	9.18	0.205	0 E	0	0	0.108B	0.053B	11
12	0.327B	0.177B	0.183B	1.92	0.615	11.1	0.196	0 E	0	0	0.119B	0.048B	12
13	0.324B	0.175B	0.183B	2.20	0.505	4.68	0.182E	0 E	0	0	0.137B	0.046B	13
14	0.321B	0.173B	0.184B	3.30	0.431	2.65	0.172	0 E	0	0	0.153B	0.044B	14
15	0.317B	0.171B	0.185B	3.21	0.388	1.97	0.164	0 E	0	0	0.152B	0.043B	15
16	0.311B	0.159B	0.186B	3.16	0.326	1.55	0.161	0	0	0	0.140B	0.044B	16
17	0.302B	0.150B	0.185B	3.24	0.263	1.20	0.173	0 E	0	0	0.126B	0.045B	17
18	0.293B	0.145B	0.184B	3.29	0.237	0.870	0.196	0 E	0	0	0.116B	0.047B	18
19	0.279B	0.142B	0.182B	3.69	0.238E	0.678	0.185	0 E	0	0	0.105B	0.047B	19
20	0.270B	0.141B	0.181B	3.67	0.254E	0.666	0.175	0 E	0	0	0.100B	0.047B	20
21	0.269B	0.143B	0.191B	3.72	0.302E	0.519	0.164	0 E	0	0.001E	0.097B	0.046B	21
22	0.270B	0.145B	0.201B	3.73	0.366E	0.345	0.153	0	0	0.001	0.094B	0.046B	22
23	0.271B	0.149B	0.216B	3.20	0.414	0.223	0.166	0.001	0	0.005	0.092B	0.045B	23
24	0.273B	0.154B	0.229B	7.25	0.356	0.194	0.146	0 E	0	0.007	0.090B	0.043B	24
25	0.272B	0.157B	0.250B	5.29	0.490	0.218	0.142	0 E	0	0.023E	0.089B	0.040B	25
26	0.267B	0.160B	0.279B	3.89	0.526	0.264	0.129	0 E	0	0.050E	0.088B	0.037B	26
27	0.255B	0.164B	0.423B	2.84	0.452	0.256	0.099	0.001	0	0.079	0.086B	0.034B	27
28	0.246B	0.169B	0.550B	2.67	0.371	0.188	0.092	0.002	0	0.123	0.083B	0.033B	28
29	0.234B		0.751B	1.77	0.561	0.172	0.070	0.002	0	0.118	0.082B	0.031B	29
30	0.224B		1.00 B	1.37	0.709	0.166	0.046	0.002	0	0.115	0.080B	0.030B	30
31	0.216B		1.24 B		0.637		0.029	0.002		0.115		0.029B	31
TOTAL	9.550	4.868	8.922	94.60	20.480	46.295	5.479	0.315	0.017	0.637	3.195	1.629	TOTAL
MEAN	0.308	0.174	0.288	3.15	0.661	1.54	0.177	0.010	0.001	0.021	0.107	0.053	MEAN
MAX	0.381	0.211	1.24	7.25	1.60	11.1	0.292	0.084	0.004	0.123	0.153	0.099	MAX
MIN	0.216	0.141	0.172	1.37	0.237	0.166	0.029	0	0	0	0.080	0.029	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.537
MAXIMUM DAILY, 11.1 ON JUN 12
MINIMUM DAILY, 0E ON AUG 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 51 45 N
LONG 122 34 14 W
DRAINAGE AREA, 60.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	825	JUL	473
FEB	421	AUG	27.2
MAR	771	SEP	1.47
APR	8 170	OCT	55.0
MAY	1 770	NOV	276
JUN	4 000	DEC	141

TOTAL DISCHARGE, 16 900 dam³

TAKU RIVER NEAR JUNEAU - STATION NO. 08BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	119 B	42.5B	58.0B	90.6E	276	1 660	1 090	827	476	552	112	52.4B	1
2	112 B	41.1B	56.6B	87.8E	279	1 850	1 150	705	433	419	107	50.7B	2
3	105 B	39.6B	59.5B	91.2	289	1 760	1 180	643	425	348	99.7	50.1B	3
4	99.1B	39.1B	65.1B	89.2	317	1 660	1 180	801	538	297	90.9	49.6B	4
5	93.4B	38.5B	72.2B	90.6	345	1 560	1 160	971	640	262	79.3	50.7B	5
6	90.6B	37.9B	79.3B	91.5	340	1 430	1 160	850	583	237	68.8	69.7B	6
7	87.8B	37.4B	76.5B	90.9	354	1 350	1 160	736	586	224	74.2	102 B	7
8	85.0B	36.8B	73.6B	88.3	368	1 270	1 080	668	521	408	80.1	91.2B	8
9	85.0B	36.2B	72.2B	89.2	413	1 240	1 010	787	445	459	77.0	82.7B	9
10	83.5B	36.0B	72.2B	90.3	456	1 210	1 000	1 110	428	354	75.0B	76.7B	10
11	79.3B	35.7B	70.8B	91.5	504	1 150	1 020	1 140	464	297	73.6E	69.1B	11
12	73.6B	35.4B	70.8B	92.0	547	1 090	912	1 130	462	270	72.2E	65.4B	12
13	69.4B	35.1B	70.8B	92.0	609	1 100	801	1 200	467	246	70.8B	64.8B	13
14	65.1B	34.8B	73.6B	112	668	1 200	742	1 140	524	224	70.8B	62.6B	14
15	60.9B	34.5B	76.5B	127	699	1 210	719	1 020	694	210	73.6B	61.4B	15
16	56.6B	34.3B	73.6B	141	733	1 140	731	1 000	603	193	78.7B	61.4B	16
17	53.8B	34.0B	73.6B	153	776	1 050	810	1 020	450	178	79.9B	59.7B	17
18	51.0B	35.4B	76.5B	182	813	1 000	1 150	1 070	396	161	92.6B	56.4B	18
19	51.0B	36.8B	79.3B	212	844	1 200	1 830	1 360	379	151	94.0B	54.1B	19
20	52.4B	38.2B	75.0B	238	861	1 440	1 670	1 970	377	147	78.2B	52.4B	20
21	52.4B	39.6B	70.8B	247	898	917	974	1 370	558	154	71.1B	51.3B	21
22	53.8B	41.1B	66.5B	244	974	929	963	869	981	153	65.4B	50.1B	22
23	55.2B	42.5B	62.3B	237	974	900	957	716	1 440	151	62.0B	50.1B	23
24	53.8B	43.9B	60.9B	234	855	867	949	620	1 830	169	60.3B	50.1B	24
25	53.8B	46.7B	59.5B	238	776	813	960	575	1 540	165	58.0B	50.7B	25
26	52.4B	49.6B	62.3B	233	773	745	898	572	940	147	58.6B	59.5B	26
27	51.0B	53.8B	68.0B	228	847	722	807	572	728	135	57.5B	66.5B	27
28	49.6B	59.5B	78.4	227	1 060	753	731	716	847	133	55.8B	76.7B	28
29	46.7B		99.1E	240	1 230	864	790	844	1 190	127	55.2B	70.8B	29
30	45.3B		96.3E	263	1 150	1 010	929	685	906	119	54.1B	65.1B	30
31	43.9B		93.4E		1 400		977	544		114		60.9B	31
TOTAL	2 131.4	1 116.0	2 243.2	4 737.1	21 628	35 090	31 490	28 231	20 853	7 204	2 246.4	1 934.9	TOTAL
MEAN	68.8	39.9	72.4	158	698	1 170	1 020	911	695	232	74.9	62.4	MEAN
MAX	119	59.5	99.1	263	1 400	1 850	1 830	1 970	1 830	552	112	102	MAX
MIN	43.9	34.0	56.6	87.8	275	722	719	544	377	114	54.1	49.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 435
MAXIMUM DAILY, 1 970 ON AUG 20
MINIMUM DAILY, 34.0B ON FEB 17

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 32 19 N
LONG 133 42 00 W
DRAINAGE AREA, 17 700 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184 000	JUL	2 720 000
FEB	96 400	AUG	2 440 000
MAR	194 000	SEP	1 800 000
APR	409 000	OCT	622 000
MAY	1 870 000	NOV	194 000
JUN	3 030 000	DEC	167 000

TOTAL DISCHARGE, 13 700 000 dam³

TASEKO RIVER AT OUTLET OF TASEKO LAKES - STATION NO. 08MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.00	5.30	4.61	4.38	14.1	71.7	117	125	53.9	44.2	18.8	17.2	1
2	7.02	5.65	4.56	4.37	14.5	78.7	113	123	49.6	38.1	18.1	17.1	2
3	7.00	5.98	4.69	4.52	15.2	81.8	107	117	47.5	35.1	18.9	19.9	3
4	6.85	6.10	4.49	4.59	16.0	82.1	98.9	116	46.1	34.8	18.9	16.7	4
5	7.12	6.09	4.78	4.71	18.6	78.9	92.5	119	46.3	36.2	15.2	16.5	5
6	7.48	6.13	4.77	4.98	19.8	73.7	91.6	120	47.8	36.8	15.6	15.7	6
7	6.98	6.05	4.57	5.28	21.7	69.2	101	120	50.4	35.1	14.1	16.2	7
8	6.95	6.02	4.69	5.33	24.8	65.4	110	116	54.2	32.6	12.8	15.1	8
9	6.78	6.11	4.85	5.44	23.9	62.5	117	114	58.0	30.3	12.9	14.0	9
10	6.71	5.99	4.73	5.85	22.9	61.1	119	115	60.6	26.7	12.4	13.9	10
11	6.21	5.98	4.63	6.23	24.0	60.1	122	118	63.3	26.4	15.6	13.5	11
12	6.01	5.65	4.83	6.47	25.1	57.8	128	124	62.1	25.9	13.2	13.0	12
13	6.05	5.40B	4.85	6.76	26.3	56.9	137	129	60.6	20.9	34.0	13.1	13
14	6.21	5.20B	4.59	7.08	28.1	55.8	140	133	58.3	19.3	40.8	12.8	14
15	6.08	5.10B	4.52	7.27	29.4	57.7	139	127	57.4	18.1	41.1	11.7	15
16	5.67	5.00B	4.36	7.81	29.5	62.3	134	120	57.8	16.6	38.6	11.8 B	16
17	5.83	5.20B	4.24	8.39	30.4	69.4	134	111	56.8	17.5	35.2	11.2 B	17
18	5.76	5.40B	4.30	9.07	31.7	76.3	127	106	51.9	15.5	33.1	10.3	18
19	5.72	5.66	4.30	9.99	32.9	85.9	121	103	49.2	13.9	29.7	10.1	19
20	5.92	5.37	4.31	11.1	33.5	95.8	116	102	46.1	13.9	27.5	9.82	20
21	5.82	5.28	4.00	12.2	34.0	104	112	105	44.5	12.6	26.5	9.67	21
22	5.78	5.14	3.82	12.9	34.0	115	114	108	45.9	11.4	24.0	9.80B	22
23	5.63	5.14	3.95	13.6	33.3	133	115	105	48.8	12.8	23.3	9.70B	23
24	5.59	5.12	4.11	14.4	33.6	152	117	96.4	51.4	12.4	23.1	9.60B	24
25	6.05	4.77	4.07	14.6	34.2	153	119	86.7	52.4	13.4	22.2	9.70B	25
26	5.86	4.59	4.07	14.8	35.1	147	123	75.5	53.8	17.6	22.2	10.0 B	26
27	5.80	4.78	4.05	14.4	35.9	140	124	66.6	51.9	21.0	20.7	10.2 B	27
28	5.55	4.96	4.16	14.0	39.4	132	126	60.4	50.7	21.4	21.0	10.0 B	28
29	5.50		4.06	14.0	46.8	121	125	56.2	46.9	25.3	19.8	9.90B	29
30	5.30		4.22	14.2	55.3	117	122	54.9	44.9	25.3	18.5	9.80B	30
31	5.16		4.28		64.1		123	55.0		20.1		9.53	31
TOTAL	191.39	153.16	136.46	268.72	925.2	2 717.1	3 685.0	3 227.7	1 570.6	722.2	692.8	387.52	TOTAL
MEAN	6.17	5.47	4.40	8.96	29.8	90.6	119	104	52.4	23.3	23.1	12.5	MEAN
MAX	7.48	6.13	4.85	14.8	64.1	153	140	133	63.3	44.2	41.1	19.9	MAX
MIN	5.16	4.59	3.82	4.37	14.3	55.8	91.6	54.9	44.5	11.4	12.4	9.53	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.2
MAXIMUM DAILY, 153 ON JUN 25
MINIMUM DAILY, 3.82 ON MAR 22
MAXIMUM INSTANTANEOUS,
159 AT 16:25 PST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 46 N
LONG 123 37 50 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 500	JUL	318 000
FEB	13 200	AUG	279 000
MAR	11 800	SEP	136 000
APR	23 200	OCT	62 400
MAY	79 900	NOV	59 900
JUN	235 000	DEC	33 500

TOTAL DISCHARGE, 1 270 000 dam³

TEETER CREEK NEAR THE MOUTH - STATION NO. 10BE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	0.615B	0.720B	0.788B	1.00E	3.75	2.07	1.68	1.18	1.06	0.897B	0.770B	1
2	0.600B	0.635B	0.735B	0.775B	1.09E	3.44	2.05	1.67	1.20	1.08	0.855B	0.770B	2
3	0.605B	0.660B	0.770B	0.790B	1.24E	3.14	2.03	1.63	1.29	1.10	0.845B	0.770B	3
4	0.620B	0.690B	0.765B	0.820B	1.43E	2.85	1.96	1.61	1.25	1.08	0.845B	0.777B	4
5	0.625B	0.720B	0.750B	0.850B	1.52E	2.65	1.94	1.59	1.29	1.06	0.840B	0.780B	5
6	0.630B	0.745B	0.770B	0.780B	1.63E	2.50	1.94	1.76	1.18	1.06	0.852B	0.783B	6
7	0.640B	0.760B	0.730B	0.675B	1.80E	2.49	1.92	1.72	1.15	1.01	0.870B	0.792B	7
8	0.650B	0.741B	0.700B	0.640B	1.79E	2.49	1.88	1.64	1.14	1.04	0.893B	0.800B	8
9	0.665B	0.710B	0.690B	0.670B	1.78A	2.42	1.85	1.57	1.16	1.06	0.890B	0.820B	9
10	0.670B	0.735B	0.685B	0.750B	1.57	2.32	1.82	1.54	1.13	1.04	0.870B	0.830B	10
11	0.672B	0.725B	0.692B	0.708B	1.51	2.20	1.80	1.46	1.15	1.02	0.860B	0.830B	11
12	0.690B	0.750B	0.700B	0.680B	1.49	2.16	1.81	1.44	1.14	1.05	0.850B	0.825B	12
13	0.705B	0.730B	0.722B	0.700B	1.52	2.08	2.05	1.44	1.12	1.06	0.841B	0.820B	13
14	0.720B	0.720B	0.770B	0.715B	1.52	2.07	2.21	1.44	1.08	1.04	0.847B	0.805B	14
15	0.725B	0.705B	0.760B	0.743B	1.60	2.06	2.09	1.43	1.09	1.02	0.870B	0.800B	15
16	0.705B	0.720B	0.743B	0.770B	1.69	2.06	2.10	1.40	1.09	0.996	0.880B	0.790B	16
17	0.695B	0.720B	0.715B	0.815B	1.72	2.06	2.11	1.41	1.10	0.858	0.893B	0.775B	17
18	0.700B	0.730B	0.700B	0.855B	1.88	2.03	2.01	1.37	1.09	0.966	0.895B	0.760B	18
19	0.715B	0.740B	0.685B	0.900B	1.97	2.00	2.01	1.33	1.12	1.01	0.890B	0.750B	19
20	0.735B	0.742B	0.680B	0.925B	1.98	1.99	1.96	1.35	1.07	1.03	0.860B	0.740B	20
21	0.740B	0.725B	0.683B	0.950B	1.96	1.99	1.94	1.32	1.09	1.03	0.850B	0.735B	21
22	0.737B	0.720B	0.693B	0.985B	1.91	1.95	1.98	1.40	1.09	1.03	0.840B	0.725B	22
23	0.725B	0.717B	0.709B	1.03 B	1.92	1.97	2.08	1.37	1.10	1.01	0.820B	0.720B	23
24	0.710B	0.719B	0.735B	1.05 B	1.88	1.98	1.95	1.33	1.08	0.975B	0.805B	0.725B	24
25	0.705B	0.722B	0.760B	1.06 E	1.82	2.21	1.89	1.27	1.07	0.955B	0.797B	0.720B	25
26	0.685B	0.740B	0.800B	1.04 E	1.81	2.14	1.85	1.25	1.07	0.925B	0.792B	0.710B	26
27	0.655B	0.765B	0.835B	1.00 E	1.78	2.10	1.76	1.25	1.06	0.910B	0.790B	0.700B	27
28	0.625B	0.770B	0.855B	0.970E	1.78	2.10	1.74	1.27	1.06	0.895B	0.795B	0.685B	28
29	0.600B		0.840B	0.963E	1.81	2.09	1.75	1.19	1.05	0.898B	0.800B	0.675B	29
30	0.585B		0.850B	0.965E	1.99	2.08	1.73	1.16	1.06	0.899B	0.780B	0.670B	30
31	0.600B		0.820B		3.89		1.72	1.19		0.900B		0.660B	31
TOTAL	20.744	20.141	23.062	25.362	54.28	69.37	60.06	44.48	33.65	31.067	25.414	23.512	TOTAL
MEAN	0.669	0.719	0.744	0.845	1.75	2.31	1.94	1.43	1.12	1.00	0.847	0.759	MEAN
MAX	0.740	0.770	0.855	1.06	3.89	3.75	2.21	1.76	1.29	1.10	0.897	0.830	MAX
MIN	0.585	0.615	0.680	0.640	1.00	1.95	1.72	1.16	1.05	0.858	0.780	0.660	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 3.89 ON MAY 31
MINIMUM DAILY, 0.585B ON JAN 30
MAXIMUM INSTANTANEOUS,
4.45 AT 15:47 PST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 27 15 N
LONG 126 13 39 W
DRAINAGE AREA, 211 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 790	JUL	5 190
FEB	1 740	AUG	3 940
MAR	2 990	SEP	3 910
APR	2 190	OCT	2 680
MAY	4 690	NOV	2 200
JUN	5 990	DEC	2 030

TOTAL DISCHARGE, 37 200 dam³

TELKWA RIVER BELOW TSAI CREEK - STATION NO. 08EE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20B	3.00B	2.60B	3.18E	9.66	55.7	54.4	31.5	15.0	7.55	4.33	2.75	1
2	4.12B	2.94B	2.61B	3.25E	11.8	55.7	43.8	22.2	11.8	6.79	3.96	2.70	2
3	4.02B	2.90B	2.65B	3.30E	15.3	64.5	36.1	21.0	10.4	5.78	3.95	2.50	3
4	4.00B	2.80B	2.68B	3.38E	19.6	61.2	33.7	24.1	11.3	5.28	4.06	2.40	4
5	3.90B	2.78B	2.70B	3.40A	24.7	47.2	37.4	22.6	15.6	5.02	3.91	2.84	5
6	3.89B	2.72B	2.70B	3.42	25.9	40.8	46.3	25.5	13.3	4.72	3.56	3.66	6
7	3.85B	2.71B	2.69B	3.49	21.2	42.5	45.6	21.0	15.5	5.11	3.77	5.00	7
8	3.80B	2.70B	2.69B	3.54	19.9	44.2	46.8	18.7	15.4	8.71	3.74	6.70	8
9	3.75B	2.69B	2.69B	3.33	21.9	40.0	42.5	23.7	13.9	13.6	3.63	5.92	9
10	3.70B	2.60B	2.69B	3.20	23.7	39.4	40.7	28.5	12.9	8.83	3.53	4.89	10
11	3.65B	2.52B	2.70B	3.16	25.3	43.3	42.5	31.2	11.2	6.46	3.49	4.25	11
12	3.64B	2.48B	2.70B	3.18	26.6	42.6	40.5	33.6	12.5	6.13	3.32	3.93	12
13	3.60B	2.41B	2.71B	3.57	25.8	40.3	35.1	34.5	11.7	5.90	3.57	3.71	13
14	3.58B	2.35B	2.80B	4.28	27.2	45.9	30.0	34.5	11.8	5.10	3.50	3.74	14
15	3.55B	2.23B	2.90B	4.79	31.2	50.7	27.5	26.7	13.8	4.84	3.38	3.36	15
16	3.54B	2.19B	2.92B	5.33	35.0	46.4	29.0	23.4	15.3	4.65	3.43	3.14	16
17	3.53B	2.15B	2.90B	6.37	35.6	39.5	25.3	22.9	10.7	4.63	3.25	2.89B	17
18	3.50B	2.09B	2.88B	7.90	35.3	36.1	21.8	23.6	9.50	4.60	3.18	2.71B	18
19	3.49B	2.09B	2.85B	8.39	33.9	38.7	23.3	23.6	8.54	4.30	3.16	2.60B	19
20	3.45B	2.09B	2.82B	9.45	33.7	42.8	24.9	26.3	8.80	4.26	3.13	2.51B	20
21	3.43B	2.10B	2.81B	9.79	41.3	49.1	26.2	27.3	14.8	4.31	2.86	2.43B	21
22	3.45B	2.14B	2.81B	10.3	35.6	58.0	28.6	24.6	13.6	4.20	2.99	2.40B	22
23	3.43B	2.19B	2.81B	10.1	30.8	54.3	32.7	17.9	16.3	4.27	2.96	2.38B	23
24	3.40B	2.25B	2.83B	9.84	31.0	39.6	34.6	15.2	16.6	9.24	2.58	2.32B	24
25	3.40B	2.31B	2.85B	9.47	32.3	36.0	37.2	12.7	14.3	6.71	2.45	2.28B	25
26	3.40B	2.36B	2.90B	9.53	35.4	37.3	37.2	11.8	9.33	5.59	2.71	2.21B	26
27	3.35B	2.41B	2.95B	9.05	49.5	34.1	30.3	12.0	7.75	5.67	2.95	2.21B	27
28	3.30B	2.50B	3.00B	8.27	73.5	36.6	26.9	14.5	11.5	5.30	2.97	2.20B	28
29	3.20B		3.05B	8.15	68.7	40.0	27.1	17.4	10.6	4.97	2.92	2.18B	29
30	3.10B		3.09B	8.73	57.6	48.3	30.7	18.3	7.68	4.77	2.84	2.16B	30
31	3.00B		3.11B		54.2		35.3	18.0		4.57		2.13B	31
TOTAL	111.22	68.70	87.09	183.14	1 013.16	1 350.8	1 074.0	708.8	371.40	181.78	100.08	97.10	TOTAL
MEAN	3.59	2.45	2.81	6.10	32.7	45.0	34.6	22.9	12.4	5.86	3.34	3.13	MEAN
MAX	4.20	3.00	3.11	10.3	73.5	64.5	54.4	34.5	16.6	13.6	4.33	6.70	MAX
MIN	3.00	2.09	2.60	3.16	9.66	34.1	21.8	11.8	7.68	4.20	2.45	2.13	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 73.5 ON MAY 28
MINIMUM DAILY, 2.09B ON FEB 18
MAXIMUM INSTANTANEOUS,
76.9 AT 20:58 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 10 N
LONG 127 29 42 W
DRAINAGE AREA, 368 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 610	JUL	92 800
FEB	5 940	AUG	61 200
MAR	7 520	SEP	32 100
APR	15 800	OCT	15 700
MAY	87 500	NOV	8 650
JUN	117 000	DEC	8 390

TOTAL DISCHARGE, 462 000 dam³

TERRACE CREEK NEAR KELOWNA - STATION NO. 08NM138

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.047	0.039	0.049	0.240B	0.642	1.14	0.287	0.031	0.035	0.005	0.028	0.031B	1
2	0.045	0.038	0.049	0.265B	0.682	1.20	0.287	0.026	0.030	0.005	0.023	0.030B	2
3	0.043	0.040	0.048	0.255B	0.728	1.20	0.321	0.023	0.025	0.005	0.019	0.035B	3
4	0.044	0.040	0.045	0.270B	0.817	2.26	0.273	0.022	0.020	0.006	0.020	0.039	4
5	0.044	0.040	0.047	0.330B	0.965	1.51	0.240	0.020	0.017	0.007	0.021	0.038	5
6	0.044	0.040	0.048	0.460B	0.982	1.14	0.360	0.017	0.013	0.008	0.022	0.037	6
7	0.047	0.041	0.047	0.625B	0.733	1.38	0.328	0.016	0.011	0.008	0.021	0.036B	7
8	0.047	0.041	0.046	0.600B	0.634	1.06	0.273	0.013	0.011	0.008	0.021	0.036B	8
9	0.048	0.042	0.047	0.580B	0.571	1.05	0.229	0.013	0.010	0.008	0.021	0.038	9
10	0.049	0.042	0.047	0.600B	0.552	2.45	0.194	0.012	0.009	0.011	0.046	0.039	10
11	0.045	0.042	0.047	0.768	0.605	2.53	0.160	0.013	0.009	0.011	0.153	0.038	11
12	0.046	0.041	0.046	0.798	0.589	2.56	0.144	0.011	0.008	0.011	0.185	0.037	12
13	0.047	0.042B	0.045	0.848	0.554	2.53	0.128	0.009	0.008	0.010	0.178	0.035	13
14	0.044	0.046B	0.046	0.934	0.655	1.82	0.106	0.009	0.008	0.010	0.143	0.035	14
15	0.043	0.051B	0.045	1.05	0.593	1.33	0.093	0.008	0.008	0.010	0.110	0.034	15
16	0.043	0.047B	0.043	1.14	0.543	1.36	0.075	0.008	0.008	0.011	0.084	0.034	16
17	0.042	0.044B	0.045	1.27	0.560	1.25	0.069	0.008	0.009	0.011	0.071	0.033	17
18	0.040	0.045B	0.048	1.28	0.627	1.00	0.066	0.009	0.010	0.012	0.062B	0.031B	18
19	0.039	0.047B	0.070	1.28	0.584	0.894	0.060	0.009	0.008	0.012	0.057	0.032	19
20	0.038	0.049B	0.090B	1.30	0.559	0.760	0.054	0.009	0.007	0.012	0.053	0.030	20
21	0.037	0.051B	0.109A	1.29	0.613	0.657	0.049	0.009	0.007	0.014	0.048	0.028	21
22	0.038	0.051B	0.086	1.24	0.673	0.564	0.044	0.012	0.007	0.014	0.046	0.027	22
23	0.039	0.050B	0.080	1.12	0.926	0.493	0.046	0.010	0.007	0.014	0.051	0.027	23
24	0.040	0.050B	0.083	1.24	0.980	0.422	0.083	0.009	0.006	0.014	0.040B	0.027	24
25	0.041	0.049	0.102	0.978	1.08	0.368	0.077	0.024	0.005	0.021	0.034B	0.027	25
26	0.041	0.049	0.112	0.895	1.17	0.330	0.064	0.033	0.006	0.032	0.029B	0.026	26
27	0.040	0.050	0.121	0.825	0.893	0.307	0.050	0.029	0.006	0.028	0.032B	0.027	27
28	0.040	0.049	0.142	0.760	0.973	0.412	0.041	0.025	0.006	0.030	0.034B	0.028	28
29	0.041		0.152	0.693	1.35	0.414	0.036	0.020	0.005	0.030	0.035B	0.026	29
30	0.041		0.180E	0.620	1.18	0.331	0.036	0.040	0.005	0.034	0.033B	0.026	30
31	0.039		0.210E		1.04		0.036	0.041		0.036		0.025	31
TOTAL	1.322	1.256	2.375	24.754	24.053	34.722	4.309	0.538	0.324	0.448	1.720	0.992	TOTAL
MEAN	0.043	0.045	0.077	0.825	0.776	1.16	0.139	0.017	0.011	0.015	0.057	0.032	MEAN
MAX	0.049	0.051	0.210	1.32	1.35	2.56	0.360	0.041	0.035	0.036	0.185	0.039	MAX
MIN	0.037	0.038	0.043	0.240	0.543	0.307	0.036	0.008	0.005	0.005	0.019	0.025	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.265
MAXIMUM DAILY, 2.56 ON JUN 12
MINIMUM DAILY, 0.005 ON SEP 25
MAXIMUM INSTANTANEOUS,
3.29 AT 16:47 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 15 N
LONG 119 40 00 W
DRAINAGE AREA, 31.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	114	JUL	372
FEB	109	AUG	46.5
MAR	205	SEP	28.0
APR	2 140	OCT	38.7
MAY	2 080	NOV	149
JUN	3 000	DEC	85.7

TOTAL DISCHARGE, 8 370 dam³

THEODOSIA RIVER NEAR BLISS LANDING - STATION NO. 08GC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.16	2.65	2.29	3.75	2.70	1.42	1.85	0.793	1.62	0.557	3.16	13.0	1
2	5.26	6.91	5.28	3.75	3.37	1.40	1.29	0.749	1.16	0.731	2.31	10.1	2
3	5.19	25.5 A	5.24	2.87	2.80	---	1.09	0.703	0.998	1.03	2.84	---	3
4	5.40	8.47	4.55	2.50	2.87	10.1	0.949	0.667	0.829	2.69	3.11	---	4
5	7.09	10.5	2.77	2.53	3.65	4.58	0.848	0.657	0.711	1.09	2.73	24.2	5
6	8.81	6.53	5.51	2.75	2.62	4.11	1.47	0.634	0.620	0.821	2.30	17.2	6
7	17.1	4.38	4.23	3.11	1.81	8.17	1.78	0.653	0.682	0.707	4.30	14.2	7
8	8.47	3.24	3.54	2.96	1.66	6.94	1.39	0.687	0.631	0.649	3.60	24.9	8
9	6.59	4.28	4.04	2.20	1.56	7.02	1.16	0.627	0.631	3.64	11.1	18.6	9
10	4.47	10.2	7.85	2.10	1.56	9.60	1.01	0.625	0.621	2.09	---	14.1	10
11	3.14	10.6	4.55	2.90	1.61	7.03	1.14	0.620	0.608	2.00	---	11.4	11
12	3.05	6.05	3.20	2.83	1.58	3.76	1.84	0.546	0.560	2.63	---	10.4	12
13	4.73	3.87	2.68	2.82	1.69	2.66	1.79	0.502	0.529	1.47	---	9.52	13
14	5.39	2.96	3.00	2.61	1.43	2.23	1.65	0.525	0.516	1.18	14.8	9.39	14
15	4.36	2.56	2.70	2.92	1.87	1.99	1.58	0.467	0.462	1.02	12.0	15.4	15
16	4.70	2.24	2.49	3.98	1.62	1.74	1.49	0.521	0.474	0.949	---	11.9	16
17	3.52	1.95	2.92	12.4	1.56	1.51	1.39	0.642	0.500	1.54	---	12.5	17
18	5.83	1.82	4.29	4.89	1.48	1.35	1.32	0.601	0.473	2.53	14.4	8.71	18
19	5.42	1.70	3.87	5.54	1.42	1.29	1.26	0.641	0.421	1.59	16.3	6.50B	19
20	2.16	1.64	4.80	5.03	2.19	1.31	1.23	0.619	0.406	1.60	10.6		20
21	2.44	1.63	3.53	3.61	2.20	1.19	1.20	0.430	0.430	5.56	9.06	5.85B	21
22	4.65	1.59	2.85	5.95	2.60	1.16	1.18	0.463	0.426	2.45	12.7	4.88B	22
23	4.78	1.54	2.49	3.41	2.06	1.11	1.16	0.465	0.356	2.74	---	4.39B	23
24	3.54	2.26	2.10	2.65	1.58	0.998	1.11	0.462	0.292	---	---	3.94B	24
25	6.77	2.71	1.93	4.04	1.43	0.909	1.07	0.363	0.366	---	19.5	3.62B	25
26	4.95	2.53	1.86	4.21	1.33	0.827	1.02	0.637	0.390	12.5	13.3	3.40B	26
27	3.58	2.36	1.83	3.26	1.61	0.786	0.953	0.581	0.411	11.0 A	10.6	3.27B	27
28	4.18	2.31	2.00	2.90	2.40	0.930	0.896	0.432	0.430	16.4	11.5	3.12B	28
29	4.16		2.42	5.45	1.75	1.62	0.874	0.536	0.375	11.1	---	3.03B	29
30	3.20		2.80	2.18	1.44	4.53	0.850	1.52	0.397	11.6	19.0	2.90B	30
31	2.59		3.23		1.32		0.834	1.94		4.88		2.91B	31
TOTAL	144.68	134.98	98.84	109.12	63.77	---	38.674	20.508	17.325	---	---	---	TOTAL
MEAN	4.67	4.82	3.19	3.64	2.06	---	1.25	0.662	0.578	---	---	---	MEAN
MAX	17.1	25.5	7.85	12.4	3.69	---	1.85	1.94	1.62	---	---	---	MAX
MIN	2.16	1.54	1.83	2.10	1.32	---	0.834	0.430	0.292	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.292 ON SEP 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 34 N
LONG 124 37 22 W
DRAINAGE AREA, 140 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 500	JUL	3 340
FEB	11 700	AUG	1 770
MAR	8 540	SEP	1 500
APR	9 430	OCT	---
MAY	5 510	NOV	---
JUN	---	DEC	---

THOMPSON RIVER AT KAMLOOPS - STATION NO. 08LF023

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.341	3.054	3.093	3.154	4.935	7.144	7.435	5.556	4.475	3.712	3.563	3.739	1
2	3.370	3.256	3.054	3.204	4.908	7.252	7.383	5.462	4.520	3.688	3.521	3.718	2
3	3.359	3.267	3.034	3.256	4.932	7.260	7.347	5.404	4.463	3.648	3.492	3.641	3
4	3.353	3.286	3.052	3.392	4.956	7.279	7.376	5.314	4.366	3.636	3.486	3.648	4
5	3.346	3.306	3.031	3.466	5.026	7.328	7.340	5.231	4.301	3.625	3.448	3.676	5
6	3.335	3.275	3.042	3.496	5.231	7.344	7.195	5.164	4.230	3.675	3.461	3.656	6
7	3.329	3.076	3.043	3.546	5.581	7.350	7.171	5.142	4.181	3.773	3.441	3.640	7
8	3.323	3.160	3.015	3.564	5.745	7.176	7.149	5.150	4.172	3.658	3.432	3.593	8
9	3.314	3.155	3.045	3.653	5.663	7.160	7.192	5.110	4.160	3.630	3.439	3.596	9
10	3.306	3.144	3.057	3.682	5.580	7.116	7.128	5.034	4.142	3.588	3.460	3.602	10
11	3.293	3.156	3.052	3.686	5.538	7.131	7.086	5.008	4.129	3.582	3.464	3.579	11
12	3.280	3.148	3.045	3.684	5.520	7.398	7.014	4.980	4.110	3.613	3.470	3.565	12
13	3.283	3.145	3.041	3.700	5.540	7.810	7.026	4.971	4.084	3.592	3.720	3.522	13
14	3.287	3.133	3.042	3.737	5.543	7.950	7.048	4.969	4.074	3.586	3.720	3.461	14
15	3.287	3.134	3.053	3.771	5.503	7.850	7.014	4.960	4.034	3.566	4.373	3.488	15
16	3.289	3.143	3.054	3.831	5.469	7.751	6.862	4.986	4.000	3.546	4.288	3.502	16
17	3.278	3.130	3.077	3.933	5.462	7.716	6.698E	4.939	4.015	3.521	4.145	3.494	17
18	3.239	3.169E	3.055	4.005	5.502	7.729	6.533	4.870	4.022	3.484	4.092	3.484	18
19	3.205	3.208	3.065	4.153	5.543	7.741	6.448	4.790	4.049	3.481	4.044	3.244	19
20	3.135	3.225	3.075	4.274	5.616	7.766	6.292	4.721	3.994	3.479	4.009	3.336E	20
21	3.103	3.218	3.106	4.438	5.644	7.776	6.182	4.660	3.939	3.442	3.966	3.482E	21
22	3.134	3.224	3.088	4.499	5.680	7.758	6.040	4.655	3.913	3.456	3.914	3.520E	22
23	3.205	3.207	3.072	4.837	5.700	7.748	5.936	4.654	3.894	3.452	3.899	3.613	23
24	3.230	3.220E	3.152	4.947	5.812	7.815	5.837	4.669	3.882	3.442	3.884	3.614E	24
25	3.257	3.227E	3.127	5.079	5.894	7.976	5.868	4.690	3.886	3.414	3.867	3.615E	25
26	3.214	3.227	3.141	5.156	6.100	8.020	5.828	4.556	3.894	3.422	3.839	3.616E	26
27	3.197	3.222	3.144	5.145	6.405	7.926	5.760	4.479	3.886	3.434	3.764	3.617E	27
28	3.196	3.181	3.149	5.078	6.510	7.802	5.744	4.428	3.861	3.572	3.730	3.617	28
29	3.194		3.154	5.047	6.586	7.675	5.699	4.370	3.792	3.609	3.727	3.637E	29
30	3.204		3.156	4.980	6.770	7.542	5.622	4.360	3.747	3.574	3.758	3.637E	30
31	3.185		3.144		7.095		5.581	4.332		3.570		3.647E	31
MEAN	3.261	3.189	3.079	4.080	5.677	7.576	6.611	4.891	4.074	3.564	3.747	3.574	MEAN
MAX	3.370	3.306	3.156	5.156	7.095	8.020	7.435	5.556	4.520	3.773	4.373	3.739	MAX
MIN	3.103	3.054	3.015	3.154	4.908	7.116	5.581	4.332	3.747	3.414	3.432	3.244	MIN

WATER LEVELS IN METRES

MEAN, 4.449
MAXIMUM DAILY, 8.020 ON JUN 26
MINIMUM DAILY, 3.015 ON MAR 08

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 335.280 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 53 N
LONG 120 20 56 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA, 37 800 km²

THOMPSON RIVER NEAR SPENCES BRIDGE - STATION NO. 08LF051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	318A	231	233	259	1 130	2 430	2 590	1 390	637	404	342	458E	1
2	312A	218	231	266	1 100	2 480	2 540	1 350	665	389	341	450E	2
3	309A	226	229	278	1 090	2 510	2 520	1 310	685	380	340	445E	3
4	306A	230	227	289	1 100	2 530	2 500	1 270	678	371	336	440E	4
5	305A	239	225	305	1 140	2 540	2 480	1 220	652	394	330	435E	5
6	303A	245	225	325	1 210	2 550	2 450	1 170	630	371	325	427A	6
7	301A	249	225	347	1 300	2 530	2 450	1 120	608	371	324	419	7
8	299A	250	224	366	1 440	2 480	2 450	1 100	588	378	318	414	8
9	298A	249	223	383	1 510	2 450	2 450	1 090	575	374	316	411	9
10	295A	248	223	399	1 510	2 450	2 420	1 060	565	364	385	405	10
11	289A	251	220	415	1 490	2 450	2 380	1 030	554	361	513	396	11
12	289A	247	221	427	1 470	2 520	2 340	1 010	543	357	435	391	12
13	287	239	224	438	1 460	2 740	2 290	990	535	353	437	385	13
14	284	233	225	446	1 460	2 940	2 280	981	528	351	464	376	14
15	283	230	224	460	1 450	2 980	2 290	973	519	347	502	369	15
16	281	225	224	479	1 440	2 920	2 240	971	506	344	569	359	16
17	278	211B	224	510	1 430	2 870	2 160	970	500	340	595	356	17
18	275	207B	225	545	1 440	2 840	2 070	955	496	335	594	346	18
19	271	208B	226	581	1 460	2 840A	2 000	925	493	327	585	323	19
20	264	209B	227	628	1 480	2 830	1 920	892	491	322	571	287	20
21	259	212	230	694	1 500	2 840	1 830	859	484	319	554A	269	21
22	256	216	231	776	1 530	2 840	1 750	834	472	314	540E	264	22
23	254	220	234	878	1 560	2 830	1 690	814	461	313	565E	264	23
24	255	225	239	978	1 590	2 830	1 640	810	448	312	653E	261B	24
25	260	230	242	1 070	1 640	2 880	1 600	825	438	308	620E	261B	25
26	259	232	244	1 150	1 730	2 920	1 580	812	432	336	600E	260B	26
27	260	233	244	1 190	1 850	2 900	1 540	772	433	329	565E	260B	27
28	260	234	247	1 200	1 990	2 830	1 510	733	433	323	530E	259B	28
29	260		249	1 190	2 090	2 750	1 500	702	425	334	480E	259B	29
30	258		251	1 160	2 170	2 670	1 470	675	415	340	463A	258B	30
31	248		254		2 290		1 420	647		341		258B	31
TOTAL	8 676	6 447	7 170	18 432	47 050	81 170	64 350	30 260	15 889	10 802	14 192	10 765	TOTAL
MEAN	280	230	231	614	1 520	2 710	2 080	976	530	348	473	347	MEAN
MAX	318	251	254	1 200	2 290	2 980	2 590	1 390	685	404	653	458	MAX
MIN	248	207	220	259	1 090	2 430	1 420	647	415	308	316	258	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 864
MAXIMUM DAILY, 2 980 ON JUN 15
MINIMUM DAILY, 207B ON FEB 18
MAXIMUM INSTANTANEOUS,
2 990 AT 11:23 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 25 N
LONG 121 23 38 W
DRAINAGE AREA, 54 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	750 000	JUL	5 560 000
FEB	557 000	AUG	2 610 000
MAR	619 000	SEP	1 370 000
APR	1 590 000	OCT	933 000
MAY	4 070 000	NOV	1 230 000
JUN	7 010 000	DEC	930 000

TOTAL DISCHARGE, 27 200 000 dam³

TOAD RIVER ABOVE NONDA CREEK - STATION NO. 10BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.9 B	7.30B	8.80B	9.25E	13.1	269	139	67.9	39.0	26.5	12.7	8.25B	1
2	10.4 B	7.40B	8.05B	8.80E	13.3	211	137	68.7	40.1	27.1	11.1	8.48	2
3	10.5 B	7.42B	7.65B	8.55E	14.0	177	130	60.2	38.6	24.5	9.90	9.47	3
4	10.7 B	7.60B	7.80B	8.60E	15.1	173	122	56.3	39.1	23.7	9.63	9.81	4
5	10.9	7.65B	8.10B	8.65E	16.5	177	116	54.6	38.7	23.8	10.4	9.69	5
6	10.8 A	7.62B	8.42B	9.10E	19.7	181	113	58.8	42.6	23.0	11.7	10.6	6
7	10.9 B	7.58B	8.55B	8.60E	19.7	197	112	66.9	43.4	22.1	13.1	11.3	7
8	11.0 B	7.48B	8.60B	8.00E	18.9	209	113	65.8	40.3	21.5	12.4	11.5	8
9	10.8 B	7.50B	7.75B	8.19A	19.1	199	116	62.1	39.6	21.8	12.2 B	11.9	9
10	10.6 B	7.60B	7.45B	7.91	21.5	187	116	60.8	38.4	21.5	11.8 B	11.1	10
11	10.5 B	7.62B	7.30B	8.19	21.6	181	115	59.3	37.1	20.0	11.6	10.8	11
12	10.4 B	7.55B	7.25B	8.29	21.7	176	110	57.8	38.3	19.8	12.2	10.8	12
13	10.3 B	7.57B	7.50B	8.35	22.5	174	111	57.3	37.5	19.8	12.0	10.8	13
14	10.4 B	7.65B	7.85B	8.91	23.2	178	101	59.3	35.4	18.5	12.6	10.7	14
15	10.5 B	7.70B	8.00B	9.54	24.8	189	90.1	58.2	36.1	17.8	12.1	10.8	15
16	10.6 B	7.68B	8.30B	9.56	28.6	188	90.5	54.0	39.8	16.0	12.5	10.5	16
17	10.3 B	7.80B	8.00B	10.2	32.8	168	93.8	55.8	37.1	15.4	12.1	10.4	17
18	9.85B	8.15B	8.03B	11.0	38.9	152	97.5	51.5	35.6	15.8	12.4	10.1	18
19	9.45B	8.60B	7.97B	11.7	41.9	140	95.5	47.0	34.5	17.2	12.5 B	9.85B	19
20	9.50B	8.48B	7.55B	12.7	46.6	131	91.1	47.6	33.2	17.2	12.7	9.21	20
21	9.75B	8.37B	7.10B	13.2	50.6	127	88.9	48.6	31.7	16.8	12.0 B	9.63	21
22	9.90B	8.10B	6.88B	13.8	57.1	138	88.3	49.4	33.2	16.4	11.1 B	9.90	22
23	9.70B	8.10B	7.00B	13.9	64.5	164	88.1	48.0	32.4	15.7	10.8	9.51	23
24	9.35B	8.10B	7.15B	13.8	63.1	158	88.0	45.4	32.7	16.8	10.4	9.40	24
25	9.00B	8.20B	7.50B	13.1	62.1	143	86.3	43.5	32.7	15.9	10.4 B	9.64	25
26	8.50B	8.43B	7.85E	12.2	66.1	127	85.0	40.4	31.5	12.4	10.3 B	9.69	26
27	7.90B	8.46B	8.20E	11.7	82.1	125	81.5	38.6	30.1	11.9	10.3	9.48	27
28	7.55B	8.55B	8.60E	11.3	108	127	77.9	37.7	29.2	10.7B	10.3	9.28B	28
29	7.35B		9.20E	11.6	134	130	73.1	37.5	27.9	10.6B	10.5	8.98	29
30	7.15B		9.70E	12.3	166	138	70.8	37.6	27.5	11.6	8.64	8.44	30
31	7.20B		9.60E		262		70.8	38.3		13.7		8.71	31
TOTAL	302.65	220.26	247.70	310.99	1 589.1	5 034	3 108.2	1 634.9	1 073.3	565.5	342.57	308.72	TOTAL
MEAN	9.76	7.87	7.99	10.4	51.3	168	100	52.7	35.8	18.2	11.4	9.96	MEAN
MAX	11.0	8.60	9.70	13.9	262	269	139	69.7	43.4	27.1	13.1	11.9	MAX
MIN	7.15	7.30	6.88	7.91	13.1	125	70.8	37.5	27.5	10.6	8.64	8.25	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.4
MAXIMUM DAILY, 269 ON JUN 01
MINIMUM DAILY, 6.88B ON MAR 22
MAXIMUM INSTANTANEOUS,
301 AT 01:57 PST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 20 N
LONG 125 22 50 W
DRAINAGE AREA, 2 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 100	JUL	269 000
FEB	19 000	AUG	141 000
MAR	21 400	SEP	92 700
APR	26 900	OCT	48 900
MAY	137 000	NOV	29 600
JUN	435 000	DEC	26 700

TOTAL DISCHARGE, 1 270 000 dam³

TOAD RIVER NEAR THE MOUTH - STATION NO. 10BE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.8B	15.2B	17.2B	18.3B	31.9E	626	280E	135 E	89.0E	56.0E	43.2B	29.0B	1
2	21.7B	15.4B	16.6B	17.8B	35.0E	483	265E	138 E	94.0E	60.5E	42.7B	24.5B	2
3	21.9B	15.5B	16.0B	17.5B	39.5E	423	252E	129 E	86.0E	58.6A	37.9B	24.0B	3
4	22.1B	15.6B	16.1B	17.6B	44.0E	410	243E	114 E	92.0E	56.5	32.0B	25.0B	4
5	22.2B	15.7B	16.4B	17.8B	50.0E	407	233E	120 E	88.0E	53.8	31.2B	26.2B	5
6	22.1B	15.7B	17.2B	18.0B	58.0E	411	225E	128 E	100 E	51.4	32.5B	27.0B	6
7	22.4B	15.6B	17.4B	17.3B	60.0E	424	226E	140 E	104 E	49.9	34.4B	27.3B	7
8	22.2B	15.5B	16.8B	16.6B	60.4E	446	227E	135 E	102 E	49.6	35.2B	29.2B	8
9	22.1B	15.6B	15.7B	16.6B	58.5E	422	230E	128 E	96.0E	49.3	35.3B	30.7B	9
10	21.9B	15.7B	15.3B	17.0B	57.5E	394	233E	122 E	90.5E	49.6	34.7B	30.6B	10
11	22.0B	15.6B	15.2B	17.5B	58.5E	380	231E	118 E	93.0E	51.4	33.4B	30.0B	11
12	21.8B	15.8B	15.2B	17.9B	59.7E	365	225E	116 E	91.5E	49.5	33.5B	29.5B	12
13	21.6B	15.9B	15.8B	18.7B	64.6A	353	216E	120 E	92.0E	49.2	33.7B	29.1B	13
14	21.5B	15.9B	16.4B	18.8B	67.7	357	203E	124 E	88.0E	48.1	33.6B	29.0B	14
15	21.6B	16.0B	16.8B	21.0B	75.8	367	184E	117 E	81.0E	46.9	33.8B	29.2B	15
16	21.6B	16.0B	16.7B	21.3B	87.5	372	185E	111 E	91.0E	45.9	34.0B	28.8B	16
17	21.3B	16.3B	16.3B	22.4B	102	335	190E	118 E	95.0E	44.4	34.4B	28.2B	17
18	20.5B	16.9B	16.2B	24.0B	111	301	194E	110 E	88.0E	44.1	34.8B	27.4B	18
19	19.8B	17.2B	15.9B	25.6B	118	279	191E	100 E	82.0E	44.5	34.7B	26.8B	19
20	19.7B	17.2B	15.3B	27.0B	119	254	186E	104 E	76.0E	44.1	34.6B	26.3B	20
21	20.0B	17.1B	14.4B	28.4B	122	237	180E	108 E	70.5E	44.7	34.3B	25.7B	21
22	19.8B	16.9B	14.3B	29.6B	134	251	179E	112 E	76.0E	44.6	33.5B	25.5B	22
23	19.6B	16.8B	14.5B	30.0B	148	311	178E	111 E	73.0E	44.3	33.0B	26.2B	23
24	18.7B	17.1B	15.0B	30.1B	149	320A	177E	107 E	70.0E	43.9	32.0B	26.4B	24
25	17.7B	17.4B	15.4B	29.8B	145	290E	176E	100 E	74.0E	44.7	30.9B	25.5B	25
26	16.8B	17.6B	16.0B	28.5B	152	265E	174E	95.0E	70.0E	43.8	30.5B	25.0B	26
27	16.0B	17.5B	16.7B	27.2B	177	250E	166E	91.0E	67.0E	42.8	29.8B	25.2B	27
28	15.4B	17.8B	17.3B	27.1B	229	255E	158E	89.0E	64.0E	42.2B	29.6B	25.6B	28
29	15.1B		18.4B	27.3B	312 A	268E	150E	87.0E	61.0E	42.3B	29.6B	25.0B	29
30	15.0B		19.0B	29.5E	409 E	275E	146E	85.5E	59.0E	42.1B	29.5B	24.3B	30
31	15.1B		18.9B		701		142E	86.0E		42.4B		23.5B	31
TOTAL	621.0	456.5	504.4	676.2	4 036.6	10 528	6 245	3 499.3	2 503.5	1 481.1	1 012.3	835.9	TOTAL
MEAN	20.0	16.3	16.3	22.5	130	351	201	113	83.5	47.8	33.7	27.0	MEAN
MAX	22.4	17.8	19.0	30.1	701	626	280	140	104	60.5	43.2	30.7	MAX
MIN	15.0	15.2	14.3	16.6	31.9	237	142	85.5	59.0	42.1	29.5	23.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 701 ON MAY 31
MINIMUM DAILY, 14.3B ON MAR 22
MAXIMUM INSTANTANEOUS,
868 AT 13:51 PST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 06 17 N
LONG 124 42 39 W
DRAINAGE AREA, 6 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 700	JUL	540 000
FEB	39 400	AUG	302 000
MAR	43 600	SEP	216 000
APR	58 400	OCT	128 000
MAY	349 000	NOV	87 500
JUN	910 000	DEC	72 200

TOTAL DISCHARGE, 2 800 000 dam³

TOD CREEK BELOW PROSPECT LAKE - STATION NO. 08HA054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.176	0.021	0.015	0.002	0	0.002	---	---	---	1
2	---	---	---	0.168	0.022	0.018	0.002	0	0.001	---	---	---	2
3	---	---	---	0.160	0.020	0.023	0.002	0	0.001	---	---	---	3
4	---	---	---	0.155	0.018	0.016	0.002	0	0.001	---	---	---	4
5	---	---	---	0.146	0.016	0.010	0.001	0	0	---	---	---	5
6	---	---	---	0.134	0.015	0.009	0.001	0	0	---	---	---	6
7	---	---	---	0.120	0.015	0.009	0.001	0	0	---	---	---	7
8	---	---	---	0.113	0.011	0.009	0.001	0	0	---	---	---	8
9	---	---	---	0.102	0.011	0.009	0.001	0	0	---	---	---	9
10	---	---	---	0.094	0.013	0.014	0.001	0.001	0	---	---	---	10
11	---	---	---	0.084	0.015	0.010	0.001	0.001	0	---	---	---	11
12	---	---	---	0.079	0.015	0.009	0.001	0.001	0.003	---	---	---	12
13	---	---	---	0.068	0.015	0.008	0.001	0.015	0.003	---	---	---	13
14	---	---	---	0.053	0.015	0.005	0	0.010	0.003	---	---	---	14
15	---	---	---	0.044	0.015	0.004	0	0.010	0.003	---	---	---	15
16	---	---	---	0.040	0.014	0.004	0	0.003	0.003	---	---	---	16
17	---	---	---	0.037	0.014	0.003	0.001	0.003	0.003	---	---	---	17
18	---	---	---	0.037	0.015	0.002	0.001	0.003	0.003	---	---	---	18
19	---	---	---	0.038	0.015	0.002	0.001	0.003	0.003	---	---	---	19
20	---	---	---	0.037	0.013	0.002	0	0.003	0.002	---	---	---	20
21	---	---	---	0.035	0.011	0.002	0	0.002	0.002	---	---	---	21
22	---	---	---	0.033	0.011	0.002	0	0.002	0.002	---	---	---	22
23	---	---	---	0.110	0.010	0.002	0	0.002	0.001	---	---	---	23
24	---	---	---	0.050	0.010	0.002	0	0.002	0.001	---	---	---	24
25	---	---	---	0.056	0.010	0.002	0	0.002	0.001	---	---	---	25
26	---	---	---	0.034	0.009	0.002	0	0.002	0.004	---	---	---	26
27	---	---	---	0.035	0.009	0.002	0	0.002	0.003	---	---	---	27
28	---	---	0.205	0.031	0.010	0.002	0	0.002	0.003	---	---	---	28
29	---	---	---	0.027	0.009	0.002	0	0.003	0.002	---	---	---	29
30	---		---	0.023	0.008	0.002	0	0.003	0.002	---	---	---	30
31	---		---		0.013		0	0.002		---		---	31
TOTAL	---	---	---	2.319	0.418	0.201	0.020	0.077	0.052	---	---	---	TOTAL
MEAN	---	---	---	0.077	0.014	0.007	0.001	0.003	0.002	---	---	---	MEAN
MAX	---	---	---	0.176	0.022	0.023	0.002	0.015	0.004	---	---	---	MAX
MIN	---	---	---	0.023	0.008	0.002	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUL 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 31 29 N
LONG 123 26 16 W
DRAINAGE AREA, 8.55 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.73
FEB	---	AUG	6.65
MAR	---	SEP	4.49
APR	200	OCT	---
MAY	36.1	NOV	---
JUN	17.4	DEC	---

TRAPPING CREEK NEAR THE MOUTH - STATION NO. 08NN019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.213	0.147B	0.157	1.75	2.87	12.2	2.80	0.475	0.541	0.138	0.285	0.352B	1
2	0.146B	0.153B	0.152	2.61	2.97	15.9	2.46	0.425	0.431	0.134	0.269	0.322B	2
3	0.164B	0.174B	0.157	3.18	3.28	12.4	2.37	0.397	0.357	0.154	0.343	0.336B	3
4	0.182B	0.172	0.159	3.21	4.08	14.7	2.01	0.372	0.300	0.199	0.269	0.360B	4
5	0.200B	0.168	0.168	3.27	6.59	10.1	1.94	0.329	0.255	0.546	0.258	0.334B	5
6	0.235	0.168	0.169	3.58	7.77	7.72	4.02	0.310	0.240	0.369	0.240B	0.330B	6
7	0.241	0.165	0.168	4.00	4.42	12.2	2.70	0.287	0.215	0.269	0.270B	0.332B	7
8	0.241	0.161	0.188	4.19	3.50	8.46	2.11	0.272	0.201	0.241	0.300B	0.330B	8
9	0.235	0.157	0.180	3.80	3.11	6.56	1.86	0.265	0.191	0.232	0.326	0.328B	9
10	0.188	0.162	0.189	3.09	3.10	11.8	1.67	0.254	0.184	0.225	0.331	0.326B	10
11	0.156B	0.169	0.173	2.94	3.44	13.0	1.55	0.298	0.175	0.213	0.613	0.316B	11
12	0.160B	0.162	0.176B	3.36	3.47	13.0	1.53	0.275	0.167	0.205	0.782	0.300B	12
13	0.190B	0.150B	0.174B	3.16	3.56	12.6	1.56	0.238	0.165	0.198	0.713	0.282B	13
14	0.209	0.135B	0.175B	3.32	3.27	11.1	1.25	0.221	0.167	0.193	0.655	0.257B	14
15	0.197	0.106B	0.178B	3.70	3.03	9.30	1.10	0.200	0.159	0.194	0.565	0.240B	15
16	0.188	0.114B	0.184B	3.76	3.17	7.89	0.960	0.186	0.190	0.225	0.541	0.217B	16
17	0.178	0.123B	0.194B	4.24	3.39	6.72	0.855	0.192	0.306	0.224	0.483	0.192B	17
18	0.168B	0.130B	0.218B	4.38	3.52	5.80	0.758	0.286	0.246	0.225	0.360	0.160B	18
19	0.122B	0.137B	0.350B	4.62	4.12	5.42	0.713	0.364	0.212	0.230	0.330B	0.146B	19
20	0.130B	0.146B	0.420B	4.85	3.83	5.24	0.647	0.300	0.191	0.225	0.318B	0.135B	20
21	0.140B	0.148	0.475B	5.87	3.79	4.66	0.624	0.286	0.167	0.232	0.330B	0.127B	21
22	0.150B	0.150	0.465B	6.92	4.15	4.27	0.608	0.411	0.169	0.241	0.355B	0.129B	22
23	0.165B	0.153	0.428B	7.55	6.87	4.15	0.644	0.335	0.163	0.241	0.375B	0.134B	23
24	0.171	0.158	0.400B	6.68	7.50	4.43	0.620	0.271	0.150	0.239	0.388B	0.139B	24
25	0.178	0.168	0.386B	5.06	7.97	3.34	0.810	0.330	0.151	0.247	0.324B	0.144B	25
26	0.156B	0.162	0.392B	4.18	8.20	2.92	1.18	0.386	0.155	0.280	0.247B	0.147B	26
27	0.146B	0.155	0.404B	3.61	5.93	2.72	0.945	0.307	0.154	0.305	0.215B	0.149B	27
28	0.160B	0.152	0.450B	3.59	6.90	2.58	0.691	0.257	0.139	0.289	0.200B	0.128B	28
29	0.173		0.510B	3.33	11.7	2.41	0.591	0.244	0.134	0.290	0.300B	0.117B	29
30	0.175		0.680B	2.96	10.7	3.16	0.538	0.595	0.137	0.269	0.395B	0.128B	30
31	0.167		1.20		9.95		0.533	0.635		0.294		0.140B	31
TOTAL	5.524	4.245	9.719	120.46	160.15	236.75	42.647	10.005	6.412	7.556	11.380	7.077	TOTAL
MEAN	0.178	0.152	0.314	4.02	5.17	7.89	1.38	0.323	0.214	0.244	0.379	0.228	MEAN
MAX	0.241	0.174	1.20	7.55	11.7	15.9	4.02	0.635	0.541	0.546	0.782	0.360	MAX
MIN	0.122	0.106	0.152	1.75	2.87	2.41	0.533	0.186	0.134	0.134	0.200	0.117	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.70
MAXIMUM DAILY, 15.9 ON JUN 02
MINIMUM DAILY, 0.106B ON FEB 15
MAXIMUM INSTANTANEOUS,
17.6 AT 06:16 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 119 03 08 W
DRAINAGE AREA, 144 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	477	JUL 3	680
FEB	367	AUG	864
MAR	840	SEP	554
APR 10	400	OCT	653
MAY 13	800	NOV	983
JUN 20	500	DEC	611

TOTAL DISCHARGE, 53 700 dam³

TREPANIER CREEK NEAR PEACHLAND - STATION NO. 08NM041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.187	0.179	0.153	0.411	1.69	2.63	0.869	0.259	0.197	0.259	0.171	0.169	1
2	0.136	0.177	0.154	0.535	1.71	2.88	0.895	0.270	0.197	0.261	0.167	0.166	2
3	0.184	0.182	0.154	0.677	1.80	2.82	0.873	0.259	0.191	0.276	0.174	0.168	3
4	0.200	0.177	0.154	0.708	2.13	3.16	0.782	0.252	0.184	0.258	0.179	0.174	4
5	0.187	0.172	0.153	0.780	2.79	2.66	0.744	0.244	0.180	0.182	0.176	0.171	5
6	0.184	0.171	0.161	0.885	3.26	2.31	0.872	0.231	0.172	0.171	0.166	0.166	6
7	0.187	0.177	0.169	0.990	2.55	2.51	0.801	0.224	0.171	0.167	0.173	0.166	7
8	0.184	0.175	0.178	1.10	2.12	2.24	0.752	0.223	0.161	0.165	0.168	0.164	8
9	0.204	0.166	0.160	1.01	1.89	2.22	0.675	0.215	0.162	0.163	0.182	0.174	9
10	0.175	0.167	0.164	0.827	1.90	3.15	0.635	0.216	0.165	0.179	0.203	0.171	10
11	0.085	0.178	0.159	0.809	2.06	3.41	0.595	0.222	0.156	0.172	0.210	0.170	11
12	0.177	0.098B	0.158	0.824	2.41	3.10	0.540	0.203	0.156	0.165	0.207	0.174	12
13	0.199	0.091B	0.155	0.935	2.26	3.43	0.496	0.195	0.157	0.160	0.214	0.123	13
14	0.199	0.087B	0.161	1.01	2.24	3.22	0.479	0.195	0.154	0.166	0.207	0.176	14
15	0.179	0.097B	0.160	1.21	2.04	2.81	0.453	0.190	0.153	0.173	0.190	0.180	15
16	0.177	0.090B	0.164	1.40	1.90	2.63	0.421	0.183	0.174	0.171	0.185	0.147	16
17	0.134	0.085B	0.174	1.76	1.78	2.59	0.384	0.187	0.186	0.170	0.188	0.132B	17
18	0.121B	0.094B	0.203	1.91	1.72	2.40	0.386	0.206	0.169	0.171	0.181	0.111B	18
19	0.177	0.108B	0.227	2.14	1.68	2.17	0.379	0.207	0.161	0.172	0.179	0.103B	19
20	0.163	0.120B	0.236	2.23	1.66	1.97	0.364	0.199	0.155	0.172	0.183	0.101B	20
21	0.168	0.131B	0.245	2.43	1.63	1.82	0.352	0.209	0.147	0.173	0.177	0.116B	21
22	0.180	0.123B	0.236	2.55	1.70	1.69	0.346	0.266	0.152	0.172	0.189	0.123B	22
23	0.184	0.132B	0.213	2.79	2.31	1.60	0.342	0.205	0.153	0.160	0.194	0.131B	23
24	0.185	0.144B	0.213	3.14	2.86	1.45	0.345	0.201	0.147	0.168	0.170B	0.139B	24
25	0.180	0.153A	0.214	2.68	2.86	1.34	0.355	0.249	0.148	0.170	0.157B	0.129B	25
26	0.160	0.148	0.218	2.28	2.95	1.26	0.340	0.245	0.141	0.174	0.150B	0.112B	26
27	0.177	0.148	0.224	2.03	2.67	1.15	0.304	0.224	0.138	0.169	0.175A	0.100B	27
28	0.172	0.159	0.238	1.93	2.63	1.07	0.298	0.203	0.145	0.174	0.167A	0.093B	28
29	0.178		0.247	1.75	3.30	1.02	0.292	0.201	0.148	0.173	0.186	0.108B	29
30	0.181		0.279	1.64	3.00	0.965	0.296	0.246	0.227	0.170	0.167	0.129B	30
31	0.184		0.343		2.61		0.286	0.214		0.170		0.135B	31
TOTAL	5.388	3.929	6.067	45.371	70.11	67.675	15.951	6.843	4.947	5.646	5.435	4.421	TOTAL
MEAN	0.174	0.140	0.196	1.51	2.26	2.26	0.515	0.221	0.165	0.182	0.181	0.143	MEAN
MAX	0.204	0.182	0.343	3.14	3.30	3.43	0.895	0.270	0.227	0.276	0.214	0.180	MAX
MIN	0.085	0.085	0.153	0.411	1.63	0.965	0.286	0.183	0.138	0.160	0.150	0.093	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.662
MAXIMUM DAILY, 3.43 ON JUN 13
MINIMUM DAILY, 0.085 ON JAN 11
MAXIMUM INSTANTANEOUS,
3.83 AT 19:36 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 33 N
LONG 119 47 13 W
DRAINAGE AREA, 179 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	466	JUL 1	380
FEB	339	AUG	591
MAR	524	SEP	427
APR 3	920	OCT	488
MAY 6	060	NOV	470
JUN 5	850	DEC	382

TOTAL DISCHARGE, 20 900 dam³

TRINITY CREEK NEAR THE MOUTH - STATION NO. 08LC050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.38	2.09	3.89	2.05	0.429	0.275	---	---	---	1
2	---	---	---	3.50	2.07	3.82	2.00	0.408	0.268	---	---	---	2
3	---	---	---	3.46	2.09	3.76	2.53	0.387	0.262	---	---	---	3
4	---	---	---	3.36	2.20	6.85	2.05	0.365	0.255	---	---	---	4
5	---	---	---	3.20	2.66	7.98	1.81	0.347	0.232	---	---	---	5
6	---	---	---	3.08	2.96	6.04	1.17	0.347	0.224	---	---	---	6
7	---	---	---	3.02	2.66	5.52	1.17	0.308	0.217	---	---	---	7
8	---	---	---	2.96	2.36	5.48	1.00	0.300	0.210	---	---	---	8
9	---	---	---	2.90	2.20	4.28	1.73	0.300	0.208	---	---	---	9
10	---	---	---	2.72	2.04	3.86	1.58	0.277	0.208	---	---	---	10
11	---	---	---	2.48	2.48	3.58	1.49	0.270	0.201	---	---	---	11
12	---	---	---	2.44	2.64	35.1 E	1.38	0.260	0.194	---	---	---	12
13	---	---	---	2.46	2.64	33.8 E	1.24	0.260	0.194	---	---	---	13
14	---	---	---	2.50	2.50	15.6 E	1.19	0.288	0.192	---	---	---	14
15	---	---	---	2.37	2.20	9.44E	1.04	0.263	0.191	---	---	---	15
16	---	---	---	2.48	2.04	8.09E	0.968	0.243	0.191	---	---	---	16
17	---	---	---	2.54	2.04	7.23	0.898	0.240	0.191	---	---	---	17
18	---	---	---	2.60	2.04	6.81	0.829	0.240	0.191	---	---	---	18
19	---	---	---	2.69	2.09	5.04	0.829	0.252	0.189	---	---	---	19
20	---	---	---	2.72	2.04	5.04	0.767	0.249	0.187	---	---	---	20
21	---	---	---	2.78	2.09	3.86	0.704	0.241	0.182	---	---	---	21
22	---	---	---	2.96	2.04	3.84	0.641	0.269	0.176	---	---	---	22
23	---	---	---	3.08	2.00	3.36	0.641	0.242	0.176	---	---	---	23
24	---	---	---	3.69	2.96	2.53	0.641	0.242	0.176	---	---	---	24
25	---	---	---	3.14	3.26	2.53	0.611	0.269	0.173	---	---	---	25
26	---	---	---	2.84	4.15	2.35	0.611	0.262	0.171	---	---	---	26
27	---	---	---	2.66	3.58	2.35	0.582	0.255	0.169	---	---	---	27
28	---	---	---	2.60	3.00	2.41	0.555	0.242	0.167	---	---	---	28
29	---	---	---	2.56	2.58	2.14	0.495	0.335	0.167	---	---	---	29
30	---	---	---	2.50	2.43	2.06	0.471	0.313	0.167	---	---	---	30
31	---		---		3.84		0.471	0.313		---		---	31
TOTAL	---	---	---	84.88	81.28	195.30	37.097	9.025	6.004	---	---	---	TOTAL
MEAN	---	---	---	2.81	2.62	6.51	1.20	0.291	0.200	---	---	---	MEAN
MAX	---	---	---	3.76	4.73	35.1	2.53	0.429	0.275	---	---	---	MAX
MIN	---	---	---	2.09	2.04	2.05	0.471	0.237	0.167	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 35.1E ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 01 N
LONG 118 58 09 W
DRAINAGE AREA, 191 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 210
FEB	---	AUG	780
MAR	---	SEP	519
APR	7 330	OCT	---
MAY	7 020	NOV	---
JUN	16 900	DEC	---

TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY - STATION NO. 10BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.45B	5.85B	6.00B	6.13B	6.77	94.5	36.7	19.7	13.4	11.8	9.27	6.90B	1
2	7.37B	5.86B	5.96B	6.09B	6.81	85.8	37.0	19.2	13.2	11.6	9.27	6.80B	2
3	7.36B	5.88B	5.97B	6.04B	6.78	75.8	36.2	18.8	13.1	11.6	9.39	6.85B	3
4	7.38B	5.92B	5.98B	6.08B	6.86	71.5	34.7	18.6	13.1	11.6	8.85B	6.90B	4
5	7.40B	5.94B	6.00B	6.12B	7.05	70.4	33.3	18.7	13.3	11.6	8.80B	7.00B	5
6	7.44B	5.96B	6.01B	6.10B	8.15	69.0	32.4	19.5	13.3	11.5	8.90B	7.20B	6
7	7.42B	6.00B	6.00B	6.08B	7.54	70.5	31.4	18.9	13.3	11.4	9.00B	7.25B	7
8	7.44B	6.05B	5.97B	6.12B	7.37	73.4	30.2	18.5	13.3	11.1	9.29B	7.28B	8
9	7.37B	6.07B	5.87B	6.15B	7.45	71.6	30.2	18.0	13.4	11.0	9.33B	7.33B	9
10	7.25B	6.08B	5.82B	6.35	7.56	68.9	28.9	17.7	13.4	11.1	8.98B	7.30B	10
11	7.17B	6.08B	5.83B	6.35	7.44	66.0	27.4	17.2	13.4	11.1	9.00B	7.08B	11
12	7.13B	6.09B	5.87B	6.32	7.46	63.6	26.2	16.7	13.3	11.0	8.90B	7.00B	12
13	7.10B	6.10B	5.95B	6.38	7.73	61.0	27.4	16.2	13.0	11.0	8.95B	6.99B	13
14	7.08B	6.12B	6.00B	6.59	7.79	60.0	28.1	15.9	12.8	11.0	9.20B	6.97B	14
15	7.09B	6.16B	6.03B	6.66	8.18	59.5	27.2	16.1	12.7	10.9	9.35B	6.95B	15
16	7.02B	6.13B	6.00B	6.69	8.73	57.5	29.3	15.7	12.8	10.8	9.30B	6.86B	16
17	6.97B	6.11B	5.99B	6.86	9.36	53.2	28.5	15.2	12.6	10.5	9.22B	6.77B	17
18	6.80B	6.09B	5.97B	7.07	9.87	50.0	28.1	15.2	12.4	10.3	9.20B	6.67B	18
19	6.70B	6.06B	5.88B	7.21	10.4	46.3	27.7	14.8	12.5	10.2	9.06B	6.45B	19
20	6.70B	6.02B	5.83B	7.34	11.2	43.3	26.6	14.7	12.4	10.3	8.85B	6.33B	20
21	6.69B	6.01B	5.80B	7.20	12.3	40.6	25.7	14.6	12.3	10.2	8.90B	6.37B	21
22	6.67B	6.00B	5.82B	7.16	13.9	40.3	25.5	14.7	12.2	10.2	8.60B	6.40B	22
23	6.60B	5.99B	5.81B	7.41	15.7	40.3	25.0	14.4	12.1	10.3	8.00B	6.27B	23
24	6.48B	5.92B	5.83B	7.10	17.2	39.2	24.6	14.4	12.1	10.3	7.80B	6.23B	24
25	6.30B	6.00B	5.95B	6.87	18.1	38.6	24.2	14.3	12.1	10.3	7.70B	6.26B	25
26	6.10B	6.02B	6.02B	6.69	20.0	38.7	23.5	14.1	12.1	10.2	7.65B	6.18B	26
27	6.00B	6.07B	6.10B	6.62	23.1	38.2	22.4	13.8	12.0	9.86	7.60B	6.08B	27
28	5.95B	6.04B	6.18B	6.49	28.8	36.9	21.8	13.8	11.9	9.47	7.45B	6.00B	28
29	5.90B		6.23B	6.60	34.4	35.9	21.0	13.2	11.9	9.43	7.25B	5.95B	29
30	5.87B		6.22B	6.69	43.9	36.7	20.4	13.1	11.9	9.41	7.00B	5.90B	30
31	5.86B		6.19B		85.8		20.3	13.2		9.30		5.95B	31
TOTAL	212.06	168.62	185.08	197.56	473.70	1 697.2	862.1	498.9	381.6	330.37	260.06	206.40	TOTAL
MEAN	6.84	6.02	5.97	6.59	15.3	56.6	27.8	16.1	12.7	10.7	8.67	6.66	MEAN
MAX	7.45	6.16	6.23	7.41	85.8	94.5	37.0	19.7	13.4	11.8	9.39	7.33	MAX
MIN	5.86	5.85	5.80	6.04	6.77	35.9	20.3	13.1	11.9	9.30	7.00	5.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 94.5 ON JUN 01
MINIMUM DAILY, 5.80B ON MAR 21
MAXIMUM INSTANTANEOUS, 98.6 AT 06:47 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 20 07 N
LONG 125 56 11 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 300	JUL	74 500
FEB	14 600	AUG	43 100
MAR	16 000	SEP	33 000
APR	17 100	OCT	28 500
MAY	40 900	NOV	22 500
JUN	147 000	DEC	17 800

TOTAL DISCHARGE, 473 000 dam³

TSABLE RIVER NEAR FANNY BAY - STATION NO. 08HB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.39	3.34	3.40	9.07	4.36	5.96	3.71	0.450	0.654	0.258	6.15	8.81	1
2	4.30	3.72	3.64	8.19	6.59	5.21	3.29	0.432	0.542	0.355	5.67	6.24	2
3	3.30	23.3	3.47	7.50	6.94	30.3	3.33	0.414	0.438	0.579	6.90	209	3
4	3.79	10.8	4.23	6.60	7.70	13.8	2.81	0.398	0.348	4.62	7.13	43.2	4
5	41.5	11.1	5.37	6.37	7.93	8.42	2.76	0.368	0.269	2.48	5.56	19.9	5
6	22.8	7.27	5.45	6.31	6.49	14.5	4.68	0.338	0.257	1.27	5.04	10.2	6
7	16.8	5.31	4.96	6.34	4.20	9.77	3.41	0.313	0.245	1.04	6.09	6.75	7
8	16.6	5.59	4.80	7.03	3.86	7.60	2.88	0.308	0.229	0.994	4.93	19.2	8
9	14.0	6.18	4.47	6.01	3.97	8.25	2.45	0.288	0.229	1.04	22.5	13.6	9
10	9.12	8.66	5.28	4.88	4.55	16.7	2.11	0.260	0.221	1.93	59.6	8.80	10
11	6.54	11.5	5.17	8.38	5.10	10.4	1.85	0.280	0.210	1.13	102	7.14	11
12	5.61	7.59	3.79	8.44	5.42	7.66	1.68	0.279	0.206	5.56	64.3	5.61	12
13	10.0	5.47	3.85	6.96	5.97	6.85	1.49	0.270	0.210	3.23	38.5	4.50	13
14	9.04	4.49	3.92	7.21	4.85	6.34	1.28	0.240	0.210	2.36	30.7	4.96	14
15	7.74	3.80	3.87	7.02	4.65	5.20	1.19	0.240	0.198	2.10	17.4	6.00	15
16	7.29	3.44	3.80	7.05	4.70	4.70	1.07	0.259	0.181	1.76	21.3	5.12	16
17	6.14	3.14	5.82	18.5	5.45	4.20	1.00	0.336	0.236	4.17	18.9	4.75	17
18	4.76	2.83	11.7	9.72	5.79	3.76	0.905	0.321	0.224	3.17	9.47	5.25	18
19	4.19	2.74	9.36	9.86	4.87	4.15	0.797	0.291	0.201	2.42	7.65	4.60	19
20	3.54	2.78	9.22	10.2	4.69	3.46	0.761	0.278	0.194	2.86	8.44	4.20B	20
21	3.37	2.51	8.63	8.30	5.53	3.40	0.733	0.251	0.180	6.24	7.56	3.65B	21
22	4.81	2.30	8.04	7.97	12.4	3.08	0.697	0.243	0.170	5.09	9.19	3.15B	22
23	4.02	2.25	6.92	9.18	6.51	2.87	0.769	0.235	0.160	5.67	185	2.80B	23
24	3.75	2.53	5.75	11.0	5.33	2.48	0.642	0.231	0.155	34.1	45.2	2.45B	24
25	13.2	7.38	4.69	7.90	4.29	2.37	0.592	0.219	0.150	41.7	10.9	2.15B	25
26	8.26	4.10	4.00	8.21E	4.19	2.04	0.578	0.227	0.150	15.3	7.72	1.88B	26
27	5.40	3.64	4.61	8.49	9.18	1.83	0.550	0.215	0.142	15.4	5.88	1.64	27
28	5.29	3.49	5.57	7.77	7.55	3.20	0.529	0.204	0.139	15.3	5.56	1.61	28
29	4.80		6.14	4.21	6.35	3.39	0.511	0.192	0.139	18.9	14.9	1.67	29
30	4.33		7.35	3.81	8.10	6.35	0.469	0.230	0.137	18.8	13.1	1.65	30
31	3.51		8.72		5.78		0.462	0.661		9.02		1.63	31
TOTAL	288.21	160.65	175.99	238.48	183.29	208.20	49.985	9.271	7.024	228.646	753.34	422.14	TOTAL
MEAN	9.30	5.74	5.68	7.95	5.91	6.94	1.61	0.299	0.234	7.38	25.1	13.6	MEAN
MAX	41.8	23.3	11.7	18.5	12.4	30.3	4.68	0.661	0.654	41.7	185	209	MAX
MIN	3.30	2.25	3.40	3.81	3.86	1.83	0.462	0.192	0.137	0.258	4.93	1.61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.47
MAXIMUM DAILY, 209 ON DEC 03
MINIMUM DAILY, 0.137 ON SEP 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 31 03 N
LONG 124 50 30 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 900	JUL	4 320
FEB	13 900	AUG	801
MAR	15 200	SEP	607
APR	20 600	OCT	19 800
MAY	15 800	NOV	65 100
JUN	18 000	DEC	36 500

TOTAL DISCHARGE, 236 000 dam³

TSILCOH RIVER NEAR THE MOUTH - STATION NO. 08JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.36 B	0.655B	0.604B	1.10B	14.6	3.92	1.25	0.232	0.236	0.251	0.702B	0.506B	1
2	1.31 B	0.660B	0.606B	1.30B	14.3	4.95	1.54	0.232	0.264	0.260	0.700B	0.499B	2
3	1.27 B	0.670B	0.610B	1.60B	13.9	5.63	1.83	0.231	0.284	0.363	0.680B	0.502B	3
4	1.24 B	0.685B	0.620B	2.05B	14.0	5.97	2.02	0.216	0.261	0.384	0.650B	0.516B	4
5	1.20 B	0.692B	0.628B	2.50B	14.6	5.47	1.87	0.209	0.239	0.429	0.640B	0.526B	5
6	1.17 B	0.696B	0.626B	3.20B	15.0	4.94	1.62	0.196	0.241	0.597	0.650B	0.538B	6
7	1.14 B	0.690B	0.623B	4.00B	15.3	4.29	1.36	0.193	0.215	0.528	0.670B	0.536B	7
8	1.12 B	0.692B	0.620B	4.42B	15.1	3.60	1.24	0.186	0.241	0.510	0.668B	0.526B	8
9	1.09 B	0.696B	0.615B	5.56B	14.1	3.08	1.18	0.165	0.224	0.520	0.665B	0.508B	9
10	1.05 B	0.700B	0.612B	6.48B	12.3	2.76	1.05	0.161	0.229	0.554	0.652B	0.499B	10
11	1.01 B	0.685B	0.612B	7.20B	10.2	3.34	0.969	0.159	0.226	0.613	0.632B	0.496B	11
12	0.970B	0.650B	0.616B	7.80B	9.00	6.32	0.922	0.136	0.228	0.760	0.635B	0.497B	12
13	0.950B	0.605B	0.622B	8.10B	8.38	9.06	0.843	0.142	0.198	0.678	0.640B	0.499B	13
14	0.940B	0.608B	0.628B	8.40B	7.73	9.96	0.765	0.146	0.204	0.663	0.642B	0.500B	14
15	0.930B	0.605B	0.632B	8.75B	6.82	9.29	0.676	0.172	0.196	0.650	0.643B	0.502B	15
16	0.910B	0.592B	0.640B	9.40B	5.91	7.75	0.659	0.200	0.232	0.590	0.640B	0.508B	16
17	0.880B	0.585B	0.650B	11.0 B	5.84	6.18	0.598	0.228	0.173	0.600	0.636B	0.506B	17
18	0.840B	0.576B	0.660B	12.7 B	5.97	5.04	0.587	0.241	0.177	0.562	0.624B	0.502B	18
19	0.810B	0.582B	0.672B	15.3 B	5.66	4.18	0.533	0.251	0.174	0.533	0.608B	0.483B	19
20	0.800B	0.592B	0.690B	17.4	5.05	3.50	0.495	0.242	0.166	0.545	0.592B	0.468B	20
21	0.795B	0.598B	0.708B	19.5	4.48	2.94	0.458	0.228	0.187	0.578	0.576B	0.464B	21
22	0.790B	0.602B	0.714B	21.7	4.24	2.40	0.426	0.210	0.205	0.629	0.560B	0.463B	22
23	0.788B	0.610B	0.716B	23.1	4.06	1.97	0.407	0.211	0.199	0.724	0.548B	0.470B	23
24	0.786B	0.616B	0.708B	21.1	3.86	1.58	0.364	0.218	0.200	0.703	0.534B	0.488B	24
25	0.784B	0.618B	0.698B	21.1	3.37	1.49	0.379	0.213	0.201	0.723	0.526B	0.498B	25
26	0.780B	0.615B	0.694B	23.9	3.16	1.35	0.374	0.200	0.200	0.744	0.520B	0.502B	26
27	0.770B	0.608B	0.706B	23.9	3.04	1.21	0.346	0.202	0.202	0.738	0.524B	0.492B	27
28	0.740B	0.604B	0.740B	21.3	2.95	1.23	0.333	0.199	0.185	0.759	0.528B	0.474B	28
29	0.710B		0.795B	18.4	2.85	1.11	0.282	0.212	0.175	0.784	0.526B	0.476B	29
30	0.695B		0.850B	16.8	2.97	1.11	0.268	0.238	0.217	0.746	0.519B	0.486B	30
31	0.675B		0.960B		3.20		0.263	0.265		0.730B		0.496B	31
TOTAL	29.303	17.787	20.875	349.06	251.94	125.62	25.907	6.334	6.379	18.448	18.330	15.426	TOTAL
MEAN	0.945	0.635	0.673	11.6	8.13	4.19	0.836	0.204	0.213	0.595	0.611	0.498	MEAN
MAX	1.36	0.700	0.960	23.9	15.3	9.96	2.02	0.265	0.284	0.784	0.702	0.538	MAX
MIN	0.675	0.576	0.604	1.10	2.85	1.11	0.263	0.136	0.166	0.251	0.519	0.463	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.43
MAXIMUM DAILY, 23.9 ON APR 26
MINIMUM DAILY, 0.136 ON AUG 12
MAXIMUM INSTANTANEOUS,
24.5 AT 13:08 PST ON APR 26

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 38 N
LONG 124 14 40 W
DRAINAGE AREA, 414 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 530	JUL	2 240
FEB	1 540	AUG	547
MAR	1 800	SEP	551
APR	30 200	OCT	1 590
MAY	21 800	NOV	1 580
JUN	10 900	DEC	1 330

TOTAL DISCHARGE, 76 600 dam³

TSITIKA RIVER BELOW CATHERINE CREEK - STATION NO. 08HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.3	9.54	18.9	25.5	20.6	14.2	14.2	1.92	6.79	2.84	23.2	25.0E	1
2	21.9	22.6	19.8	25.9	32.1	13.3	11.9	1.75	5.18	7.74	17.4	19.0E	2
3	18.0	71.1	22.3	21.1	27.1	21.9	12.1	1.73	3.89	21.0	26.4	516 A	3
4	20.6	29.0	24.2	16.8	28.4	19.8	10.2	1.60	3.05	89.7	35.5	271 A	4
5	88.4	24.4	22.7	15.6	30.8	14.5	8.79	1.66	2.55	26.1	28.1	110 E	5
6	91.8	17.3	25.5	15.3	24.6	12.3	10.7	1.63	2.12	12.5	20.7	42.0E	6
7	107	12.9	18.9	18.5	18.3	12.9	10.9	1.58	1.89	9.05	28.1	33.0E	7
8	55.6	10.5	14.1	18.9	15.1	13.3	9.55	1.42	1.75	8.15	28.4	112 E	8
9	34.5	12.0	12.4	15.6	14.6	13.6	8.06	1.26	1.41	22.6	70.8	50.0E	9
10	26.0	33.9	14.0	15.1	14.0	23.7	7.07	1.21	1.31	24.6	81.6	30.0E	10
11	18.9	44.5	11.6	23.0	15.0	28.7	6.39	1.22	1.33	18.3	586	20.0E	11
12	19.9	23.3	10.1	25.1	13.9	21.6	6.05	1.20	1.28	32.5	271	17.5E	12
13	26.7	14.9	9.56	22.7	14.1	18.3	5.57	1.22	1.32	26.0	101	16.0E	13
14	25.0	11.7	10.9	23.2	13.5	15.9	4.98	1.22	1.29	16.5	50.1	27.0E	14
15	19.4	10.7	12.4	26.2	13.7	15.0	4.50	1.18	1.15	12.0	39.2	20.0E	15
16	16.8	9.18	13.9	35.8	12.7	13.4	4.09	1.65	1.02	10.2	134	18.0E	16
17	14.0	8.29	25.1	63.0	11.8	11.3	3.75	3.11	0.961	15.8	67.3	52.0E	17
18	12.1	7.21	34.9	39.3	11.2	11.1	3.45	2.63	1.13	62.1	30.3	28.0E	18
19	10.9	5.90	28.7	27.3	12.1	11.5	3.31	1.91	1.30	29.7	22.6	17.0E	19
20	9.77	6.89	28.0	26.0	12.8	11.1	3.08	1.56	1.24	17.8	17.9	15.0E	20
21	10.9	6.88	26.9	21.4	12.8	10.9	3.06	1.70A	1.18	48.1	15.5	14.0E	21
22	18.6	7.04	22.6	22.8	14.1	11.3	2.89	1.47A	1.17	28.6	45.0	13.5E	22
23	19.3	11.1	18.5	24.7	14.0	10.5	2.87	1.42	1.05	24.5	525	13.0E	23
24	17.9	24.5	14.8	20.5	11.6	8.86	2.74	1.31	0.968	191	110 A	12.5E	24
25	66.3	26.3	12.8	18.7	10.9	8.21	2.64	1.24	0.929	160	64.0E	12.0E	25
26	29.2	19.1	11.5	20.9	11.5	8.55	2.57	1.29	0.877	76.3	35.0E	14.0E	26
27	19.6	15.1	12.6	17.5	13.5	7.67	2.35	1.27	0.855	198	18.0E	16.0E	27
28	18.0	16.9	15.6	14.4	17.7	8.48	2.13	1.20	0.870	109	138 A	13.0E	28
29	16.9		19.8	12.0	16.1	12.4	2.08	1.40	0.876	68.9	158 A	11.0E	29
30	13.2		22.7	11.2	14.9	18.4	1.92	3.53	0.870	78.3	70.0E	10.0E	30
31	10.6		26.8		15.1		1.87	6.34		39.7		19.0E	31
TOTAL	914.07	513.73	582.56	684.0	508.6	422.67	175.76	54.83	51.606	1 487.58	2 858.1	1 586.5	TOTAL
MEAN	29.5	18.3	18.8	22.8	16.4	14.1	5.67	1.77	1.72	48.0	95.3	51.2	MEAN
MAX	107	71.1	34.9	63.0	32.1	28.7	14.2	6.34	6.79	198	586	516	MAX
MIN	9.77	6.88	9.56	11.2	10.9	7.67	1.87	1.18	0.855	2.84	15.5	10.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.0
MAXIMUM DAILY, 586 ON NOV 11
MINIMUM DAILY, 0.855 ON SEP 27
MAXIMUM INSTANTANEOUS,
873 AT 12:35 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 13 N
LONG 126 34 27 W
DRAINAGE AREA, 360 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	79 000	JUL	15 200
FEB	44 400	AUG	4 740
MAR	50 300	SEP	4 460
APR	59 100	OCT	129 000
MAY	43 900	NOV	247 000
JUN	36 500	DEC	137 000

TOTAL DISCHARGE, 851 000 dam³

TSOLUM RIVER NEAR COURTENAY - STATION NO. 08HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.30	7.20E	5.45A	10.2	3.07	3.65	2.15	0.143	0.087	0.250A	11.2	8.30E	1
2	3.24	16.5 E	5.16	10.3	3.55	3.65	2.06	0.151	0.118	0.248	8.43	6.20E	2
3	3.18	52.0 E	5.14	8.49	3.36	53.0	2.85	0.132	0.182	0.299	10.5	74.2 E	3
4	3.20	29.0 E	7.11	7.36	3.09	28.5	2.25	0.112	0.237	0.390	11.1	74.0 E	4
5	18.1	28.5 E	8.65	6.98	3.17	16.6	1.87	0.100	0.218	0.506	9.01	37.0 E	5
6	39.2	26.0 E	8.36	6.51	2.70	12.7	2.23	0.102	0.203	0.467	7.53	10.0 E	6
7	70.4	16.0 E	9.42	6.58	2.09	13.2	2.64	0.091	0.140	0.429	10.8	6.60E	7
8	39.9	11.0 E	8.88	6.45	1.85	12.2	2.45	0.087	0.116	0.439	10.6	12.5 E	8
9	25.9	9.70E	15.6	5.55	1.60	12.3	2.11	0.087	0.109	0.495	24.0	10.3 E	9
10	16.5	9.30E	24.8	5.07	1.58	26.4	1.64	0.089	0.104	0.470	41.7	6.00E	10
11	12.1	9.90E	14.2	5.92	1.56	28.7	1.29	0.086	0.103	0.586	71.0	4.80E	11
12	11.4	10.0 E	9.92	6.07	1.56	16.9	1.15	0.074	0.090	0.917	73.1	5.20E	12
13	19.8	9.00B	10.1	5.11	2.60	10.7	0.952	0.079	0.081	0.734	54.1	5.40E	13
14	23.9	7.40B	21.7	4.99	2.69	7.76	0.822	0.080	0.083	0.784	27.2	7.50E	14
15	17.3	6.60B	14.9	4.94	2.33	5.79	0.717	0.086	0.112	0.806	19.3	12.4 E	15
16	22.1	5.85B	12.2	5.81	2.35	4.52	0.629	0.087	0.133	0.652	22.2	8.00E	16
17	14.7	5.40B	14.1	9.11	3.36	3.78	0.508	0.098	0.090E	0.737	19.6	6.00E	17
18	11.2	5.18B	19.2	6.91	2.85	3.16	0.462	0.087	0.090E	1.33	14.4	5.30E	18
19	9.08	4.90B	15.1	6.23	2.60	2.74	0.390	0.085	0.100	1.53	12.1	4.85E	19
20	7.71	4.70B	13.2	6.18	2.75	2.30	0.381	0.086	0.132	1.52	10.3	4.60B	20
21	7.43	4.60E	12.4	5.05	2.72	1.96	0.313	0.076	0.147	4.89	9.07	4.25B	21
22	7.31A	4.53E	12.0	4.41	9.79	1.66	0.266	0.074	0.171	4.75	9.61	3.92B	22
23	9.60E	4.45E	11.8	4.39	7.36	1.47	0.237	0.069	0.204	3.28	100	3.70B	23
24	7.70E	4.67E	9.62	4.57	4.69	1.34	0.237	0.072	0.212E	10.5	94.3 A	3.45B	24
25	13.3 E	5.40E	8.22	5.70	3.96	1.21	0.215	0.062	0.219A	41.7	20.0 E	3.20B	25
26	12.0 E	6.20E	6.98	5.47	3.30	1.13	0.219	0.057	0.220E	20.1	10.0 E	3.00B	26
27	9.90E	6.00E	6.44	4.74	6.66	1.05	0.204	0.056	0.230E	22.3	5.00E	2.80B	27
28	13.0 E	5.89A	6.82	4.47	11.6	1.03	0.149	0.055	0.236E	32.9	10.0 E	2.60B	28
29	11.6 E		7.91	3.71	7.24	2.07	0.151	0.057	0.238E	30.0	51.0 E	2.44B	29
30	10.0 E		8.85	3.23	5.39	2.64	0.158	0.075	0.240E	35.9	16.0 E	2.30B	30
31	8.80E		10.1		4.42		0.139	0.114		17.5		2.20B	31
TOTAL	482.85	315.87	344.33	180.50	117.84	284.11	31.839	2.709	4.645	237.409	793.15	343.01	TOTAL
MEAN	15.6	11.3	11.1	6.02	3.80	9.47	1.03	0.087	0.155	7.66	26.4	11.1	MEAN
MAX	70.4	52.0	24.8	10.3	11.6	53.0	2.85	0.151	0.240	41.7	100	74.2	MAX
MIN	3.18	4.45	5.14	3.23	1.56	1.03	0.139	0.055	0.081	0.248	5.00	2.20	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.60
MAXIMUM DAILY, 100 ON NOV 23
MINIMUM DAILY, 0.055 ON AUG 28
MAXIMUM INSTANTANEOUS,
168 AT 20:11 PST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 26 N
LONG 125 00 41 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 700	JUL	2 750
FEB	27 300	AUG	234
MAR	29 800	SEP	401
APR	15 600	OCT	20 500
MAY	10 200	NOV	68 500
JUN	24 500	DEC	29 600

TOTAL DISCHARGE, 271 000 dam³

TULAMEEN RIVER AT PRINCETON - STATION NO. 08NL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.76	4.45B	6.29	18.3	41.2	86.6	38.8	5.06	5.17	1.67	19.9	37.9	1
2	9.34	5.20B	6.12	24.6	49.0	74.9	36.0	4.99	4.36	1.72	17.3	34.9	2
3	9.51	6.00B	6.02	30.1	49.9	86.2	34.6	4.68	3.81	1.98	16.8	33.1	3
4	9.22	5.80B	5.84	32.7	58.2	91.6	29.9	4.41	3.50	44.3	19.3	32.4	4
5	8.85	5.60B	5.83	35.2	90.6	74.8	29.0	4.15	3.14	34.9	19.4	35.9	5
6	9.94	5.60B	5.76	38.9	111	73.0	35.6	3.87	2.87	16.6	15.3	33.6	6
7	9.94	5.20B	5.77	42.8	78.4	80.5	33.5	3.66	2.65	11.7	16.4	31.8	7
8	9.55	5.60B	5.78	47.8	64.0	71.5	28.5	3.49	2.52	9.52	15.3	30.8	8
9	9.46	5.40B	5.67	43.3	59.0	68.6	26.7	3.35	2.44	9.13	12.2	30.5	9
10	8.77	5.20B	5.85	39.6	57.2	90.4	24.9	3.22	2.36	13.9	309	29.0	10
11	7.81	5.60B	5.67	37.9	60.3	73.0	23.3	3.20	2.24	11.8	231	26.8	11
12	9.59	6.20B	5.50	41.1	61.8	65.9	22.6	3.24	2.20	10.5	210 E	54.5	12
13	10.9	5.20B	5.53	43.9	61.4	64.7	20.8	3.16	2.13	10.9	194 A	52.7	13
14	9.76	4.50B	5.76	44.4	58.2	63.8	17.7	3.04	2.06	10.0	121	54.3	14
15	8.11	5.00B	5.63	54.8	58.1	74.5	15.5	2.83	2.01	9.07	85.9	21.3	15
16	7.81	5.40B	5.72	63.5	60.0	88.0	14.0	2.78	2.25	9.25	67.7	20.3	16
17	7.12	5.00B	6.08	74.7	62.6	80.8	12.5	2.69	3.48	8.58	56.5	21.0	17
18	5.09	5.40B	6.65	75.6	59.3	84.2	11.3	3.80	3.03	7.99	46.8	19.8	18
19	5.70B	5.65B	7.43	76.3	58.5	94.6	10.1	4.56	2.50	7.93	41.5	15.0 B	19
20	6.30B	6.20B	8.25	85.6	63.2	79.6	9.46	3.73	2.27	7.26	36.7	8.20B	20
21	6.90B	6.80B	8.87	97.7	58.3	78.1	8.91	3.69	2.12	7.59	32.8	8.60B	21
22	7.00B	7.20B	9.11	93.3	62.0	83.1	8.31	5.14	2.07	10.2	33.9	9.20B	22
23	6.95B	7.00B	9.19	92.2	63.0	84.1	7.86	5.20	1.98	9.00	69.0	10.0 B	23
24	6.60B	7.03	8.51	90.6	58.9	73.7	7.49	4.61	1.95	8.48	159	10.9 B	24
25	6.10B	7.04	8.95	74.5	54.8	65.0	7.25	4.34	1.82	14.9	92.8	11.6 B	25
26	6.10B	7.04	9.24	62.9	54.3	56.3	8.11	5.22	1.76	67.9	69.6	12.2 B	26
27	6.40B	6.67	9.23	55.1	60.6	49.1	7.69	4.38	1.75	33.7	59.7	13.2 B	27
28	6.00B	6.50	9.42	49.5	78.0	44.5	6.78	3.76	1.77	39.3	50.8	14.2 B	28
29	5.60B		10.2	43.9	114	42.1	6.06	3.38	1.73	30.1	46.7	13.0 B	29
30	5.30B		11.6	40.4	106.3	43.1	5.70	3.72	1.71	25.3	41.6	12.0 B	30
31	4.90B		14.7		102		5.34	4.55		22.4		12.4 B	31
TOTAL	240.38	163.48	230.17	1 651.2	2 058.0	2 169.5	554.16	121.89	75.65	506.97	2 267.9	662.70	TOTAL
MEAN	7.75	5.84	7.42	55.0	66.4	72.3	17.9	3.93	2.52	16.4	75.6	21.4	MEAN
MAX	10.9	7.20	14.7	97.7	114	91.6	38.8	5.22	5.17	67.9	309	37.9	MAX
MIN	4.90	4.45	5.50	18.3	41.2	42.1	5.34	2.69	1.71	1.67	15.3	8.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.3
MAXIMUM DAILY, 309 ON NOV 10
MINIMUM DAILY, 1.67 ON OCT 01
MAXIMUM INSTANTANEOUS,
406 AT 17:16 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 120 31 05 W
DRAINAGE AREA, 1 760 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 800	JUL	47 900
FEB	14 100	AUG	10 500
MAR	19 900	SEP	6 540
APR	143 000	OCT	43 800
MAY	178 000	NOV	196 000
JUN	187 000	DEC	57 300

TOTAL DISCHARGE, 925 000 dam³

TULAMEEN RIVER BELOW VUICH CREEK - STATION NO. 08NL071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.52	1.30 B	1.21B	4.44	10.2	28.7	14.0	1.48	1.48	0.366	7.35	8.01	1
2	2.28	1.38 B	1.20B	6.08	11.3	26.7	14.1	1.38	1.14	0.445	6.39	7.31	2
3	2.43	1.42 B	1.19B	6.87	13.2	31.9	12.6	1.28	0.965	0.639	6.15	7.31	3
4	2.40	1.32 B	1.18B	7.17	17.5	31.7	10.9	1.17	0.843	28.9	7.48	10.1	4
5	2.40	1.26 B	1.17B	7.96	29.0	27.2	11.2	1.13	0.747	13.1	6.59	7.80	5
6	2.74	1.20 B	1.15B	9.20	31.7	27.2	13.4	1.04	0.702	6.74	5.30	6.82	6
7	2.65	1.18 B	1.17B	10.6	22.3	31.2	12.3	0.987	0.662	4.84	5.54	6.15	7
8	2.52	1.20 B	1.15B	11.4	18.1	26.7	10.2	0.911	0.590	4.00	5.04	6.25	8
9	2.36	1.22 B	1.10B	9.61	16.5	26.7	9.68	0.848	0.549	4.67	45.2	6.06	9
10	2.28	1.24 B	1.03B	8.43	16.5	33.3	9.06	0.828	0.526	6.62	125	5.60	10
11	1.95	1.27 B	1.00B	8.29	17.7	26.5	8.64	0.859	0.515	4.78	67.6	5.11	11
12	2.28B	1.05 B	1.08B	9.45	18.0	24.3	8.65	0.831	0.479	4.49	45.0	4.58	12
13	2.60B	0.880B	1.20B	9.92	17.0	24.2	7.24	0.800	0.439	4.29	59.5	4.52	13
14	2.30B	0.660B	1.12B	10.6	17.0	24.8	6.08	0.784	0.418	3.80	31.1	4.26	14
15	2.00B	0.720B	1.10B	13.8	17.2	30.2	5.30	0.721	0.428	3.63	21.7	3.97	15
16	1.83B	0.820B	1.24	17.4	19.0	31.2	4.75	0.683	0.878	3.71	17.2	3.93	16
17	1.59B	0.880B	1.35	19.7	19.7	30.7	4.09	0.742	0.983	3.32	14.8	4.23	17
18	1.50B	0.940B	1.49	18.9	18.4	30.3	3.56	1.47	0.735	3.27	12.2	3.29	18
19	2.10B	1.00 B	1.69	19.0	19.1	29.4	3.20	1.25	0.597	3.06	11.0	2.25	19
20	2.60B	1.06 B	1.83	22.9	20.3	31.1	2.94	0.946	0.523	2.81	9.72	1.30B	20
21	2.90B	1.17 B	1.92	26.0	19.6	31.9	2.76	1.22	0.478	3.57	8.86	1.40B	21
22	2.48B	1.31 B	1.91	24.3	21.3	32.4	2.53	1.70	0.448	3.88	10.3	1.52B	22
23	2.20B	1.30 B	1.93	24.9	20.8	33.1	2.44	1.62	0.430	3.29	30.0	1.68B	23
24	2.05B	1.29 B	2.48	23.3	19.3	28.3	2.23	1.24	0.421	3.20	45.0	1.85B	24
25	1.85B	1.28 B	3.53	18.6	18.0	24.5	2.13	1.51	0.396	16.8	21.4	2.00B	25
26	1.78B	1.28 B	2.30	15.5	18.8	21.1	2.71	1.72	0.393	25.6	15.4	2.20B	26
27	1.85B	1.27 B	1.96	13.4	23.0	18.1	2.22	1.21	0.363	14.0	12.9	2.08B	27
28	1.68B	1.25 B	2.05	11.8	30.8	16.1	1.94	0.994	0.355	18.8	11.3	2.00B	28
29	1.50B		2.34	10.5	41.4	15.8	1.77	0.883	0.352	12.2	10.6	1.75B	29
30	1.38B		2.81	9.72	33.9	16.1	1.64	1.38	0.340	10.1	9.10	1.80B	30
31	1.28B		3.49		35.5		1.51	1.74		8.53		1.88B	31
TOTAL	66.32	32.150	51.37	409.74	653.0	811.4	195.67	35.357	18.175	227.450	684.72	128.54	TOTAL
MEAN	2.14	1.15	1.66	13.7	21.1	27.0	6.31	1.14	0.606	7.34	22.8	4.15	MEAN
MAX	2.90	1.42	3.53	26.0	41.4	33.3	14.1	1.74	1.48	28.9	125	10.1	MAX
MIN	1.28	0.660	1.00	4.44	10.2	15.8	1.51	0.683	0.340	0.366	5.04	1.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.08
MAXIMUM DAILY, 125 ON NOV 10
MINIMUM DAILY, 0.340 ON SEP 30
MAXIMUM INSTANTANEOUS,
193 AT 11:29 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 58 N
LONG 120 58 36 W
DRAINAGE AREA, 256 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 730	JUL	16 900
FEB	2 780	AUG	3 050
MAR	4 440	SEP	1 570
APR	35 400	OCT	19 700
MAY	56 400	NOV	59 200
JUN	70 100	DEC	11 100

TOTAL DISCHARGE, 286 000 dam³

TURNAGAIN RIVER ABOVE SANDPILE CREEK - STATION NO. 10BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6B	18.9B	17.6B	17.8B	28.4E	763	270	114	71.0	56.1	26.5B	24.4B	1
2	21.5B	18.9B	17.6B	17.8B	30.5E	778	262	109	72.4	55.8	28.0B	24.2B	2
3	21.3B	18.8B	17.5B	17.8B	33.5E	632	270	103	73.1	55.4	29.0B	24.1B	3
4	21.1B	18.7B	17.5B	17.9B	36.3A	564	249	96.2	77.2	54.8	29.5B	23.9B	4
5	21.0B	18.7B	17.5B	17.9B	39.4	545	233	91.2	79.0	53.9	30.0B	23.8B	5
6	20.9B	18.7B	17.5B	18.0B	45.2	526	220	88.0	78.9	52.3	30.1B	23.5B	6
7	20.7B	18.7B	17.5B	18.1B	47.8	525	211	86.9	77.8	51.1	30.0B	23.2B	7
8	20.5B	18.7B	17.4B	18.1B	49.6	524	207	84.8	75.7	50.3	29.8B	23.0B	8
9	20.4B	18.6B	17.4B	18.2B	52.2	469	208	81.6	73.0	51.9	29.5B	22.8B	9
10	20.3B	18.5B	17.4B	18.2B	57.6	419	204	80.0	69.9	52.5	29.2B	22.6B	10
11	20.3B	18.4B	17.4B	18.2B	61.7	391	198	78.8	68.3	51.2	29.0B	22.4B	11
12	20.2B	18.3B	17.4B	18.3B	65.9	375	183	77.1	68.7	50.5	28.7B	22.2B	12
13	20.2B	18.2B	17.3B	18.5B	72.0	380	174	75.7	69.6	50.2	28.3B	22.1B	13
14	20.1B	18.2B	17.4B	18.6B	80.1	399	161	75.6	68.6	48.6	28.0B	22.1B	14
15	20.0B	18.1B	17.4B	18.7B	90.8	396	149	85.1	68.0	47.3	27.2B	22.0B	15
16	20.0B	18.1B	17.4B	18.8B	107	377	155	88.6	66.9	42.4B	27.1B	21.9B	16
17	19.9B	18.1B	17.4B	19.0B	130	328	194	89.1	65.7	41.0B	27.0B	21.7B	17
18	19.9B	18.0B	17.4B	19.2B	156	292	189	85.0	64.1	39.4B	26.8B	21.5B	18
19	19.8B	18.0B	17.4B	19.4B	190	277	175	80.7	64.7	40.1B	26.6B	21.3B	19
20	19.8B	18.0B	17.4B	19.6B	214	259	163	77.8	67.4	40.3B	26.4B	21.1B	20
21	19.7B	17.9B	17.4B	19.9B	230	256	155	82.7	66.2	41.0B	26.2B	21.1B	21
22	19.6B	17.9B	17.5B	20.1B	252	300	150	84.1	66.4	42.4	26.0B	21.0B	22
23	19.5B	17.8B	17.5B	20.4B	273	330	150	85.1	67.1	41.8	25.8B	21.0B	23
24	19.4B	17.8B	17.5B	20.8B	265	309	151	83.2	67.1	42.2	25.7B	20.9B	24
25	19.3B	17.8B	17.5B	21.3E	248	272	146	80.2	65.4	42.2	25.5B	20.9B	25
26	19.2B	17.8B	17.6B	22.0E	253	244	140	76.2	63.4	35.6B	25.3B	20.6B	26
27	19.2B	17.7B	17.6B	22.9A	288	231	131	72.5	61.6	34.0B	25.1B	20.4B	27
28	19.1B	17.7B	17.7B	23.9E	368	232	122	70.1	60.7	32.0B	24.9B	20.2B	28
29	19.1B		17.7B	25.0E	457	237	114	69.5	59.5	29.0B	24.7B	20.0B	29
30	19.0B		17.8B	26.9E	545	245	109	70.7	57.4	26.5B	24.6B	19.8B	30
31	19.0B		17.8B		649		109	69.9		25.5B		19.6B	31
TOTAL	621.6	511.0	542.4	591.3	5 416.0	11 875	5 572	2 592.4	2 055.1	1 377.3	820.5	679.3	TOTAL
MEAN	20.1	18.3	17.5	19.7	175	396	180	83.6	68.5	44.4	27.4	21.9	MEAN
MAX	21.6	18.9	17.8	26.9	649	778	282	114	79.0	56.1	30.1	24.4	MAX
MIN	19.0	17.7	17.3	17.8	28.4	231	109	69.5	57.4	25.5	24.6	19.6	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.5
MAXIMUM DAILY, 778 ON JUN 02
MINIMUM DAILY, 17.3B ON MAR 13
MAXIMUM INSTANTANEOUS,
821 AT 03:36 PST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 03 52 N
LONG 127 50 41 W
DRAINAGE AREA, 6 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 700	JUL	481 000
FEB	44 200	AUG	224 000
MAR	46 900	SEP	178 000
APR	51 100	OCT	119 000
MAY	468 000	NOV	70 900
JUN	1 030 000	DEC	58 700

TOTAL DISCHARGE, 2 830 000 dam³

TUTSHI RIVER AT OUTLET OF TUTSHI LAKE - STATION NO. 09AA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.97B	4.88B	3.98B	3.63B	3.72E	42.5	42.5	28.6	20.1	26.0E	10.8 B	5.99B	1
2	5.94B	4.81B	3.96B	3.62B	3.76E	49.1	42.3	28.0	19.6	25.2E	10.4 B	5.91B	2
3	5.91B	4.77B	3.94B	3.61B	3.80E	53.5	43.3	27.6	19.3	25.2E	10.0 B	5.82B	3
4	5.88B	4.71B	3.93B	3.60B	3.84E	57.8	43.9	27.1	18.2	24.3A	9.78B	5.72B	4
5	5.86B	4.67B	3.91B	3.59B	3.92	60.8	44.6	26.9	18.0	22.8	9.59B	5.62B	5
6	5.83B	4.63B	3.90B	3.58B	4.20	62.6	44.7	27.4	17.9	22.3	9.42B	5.53B	6
7	5.80B	4.59B	3.89B	3.57B	4.60	64.2	44.4	26.7	17.2	21.3	9.30B	5.43B	7
8	5.77B	4.56B	3.87B	3.56B	5.08	64.5	44.2	26.2	16.8	20.9	9.03B	5.37B	8
9	5.74B	4.52B	3.86B	3.55B	5.61	64.5	42.9	25.8	16.7	20.6	8.80B	5.28B	9
10	5.72B	4.48B	3.85B	3.54B	6.22	63.0	42.3	25.8	16.4	19.6	8.62B	5.21B	10
11	5.70B	4.45B	3.84B	3.53B	7.00	61.5	42.3	26.1	15.5	19.2	8.42B	5.16B	11
12	5.68B	4.43B	3.83B	3.52B	8.04	59.7	41.9	26.4	15.3	19.0	8.28B	5.11B	12
13	5.66B	4.41B	3.82B	3.53B	9.14	59.4	40.7	26.3	15.0	18.5	8.02B	5.07B	13
14	5.64B	4.39B	3.81B	3.55B	10.3	58.8	39.0	26.5	14.5	18.2	7.82B	5.02B	14
15	5.62B	4.37B	3.80B	3.56B	11.6	58.6	37.8	26.5	14.7	17.4	7.68B	4.97B	15
16	5.60B	4.34B	3.79B	3.57B	13.1	57.3	36.4	26.9	14.8	16.9	7.57B	4.92B	16
17	5.58B	4.31B	3.78B	3.58B	14.7	55.3	35.1	27.0	14.9	16.2	7.46B	4.87B	17
18	5.56B	4.27B	3.77B	3.59B	16.5	53.7	34.4	26.6	15.1	15.9	7.34B	4.82B	18
19	5.54B	4.24B	3.76B	3.60B	18.2	51.3	33.5	26.2	15.1	15.2	7.23B	4.77B	19
20	5.52B	4.21B	3.75B	3.61B	19.9	49.0	32.8	26.6	15.1	14.6	7.12B	4.72B	20
21	5.46B	4.18B	3.74B	3.62B	21.6	47.9	32.5	26.4	15.1	14.4	7.01B	4.68B	21
22	5.40B	4.16B	3.73B	3.64B	23.4	46.7	32.1	25.8	16.3E	14.0	6.91B	4.63B	22
23	5.32B	4.13B	3.72B	3.65B	24.7	46.2	31.7	25.3	17.9E	13.9	6.81B	4.59B	23
24	5.27B	4.11B	3.71B	3.66B	25.6	44.7	31.8	24.6	19.0E	13.7	6.70B	4.55B	24
25	5.21B	4.08B	3.70B	3.67B	26.6	43.0	31.9	23.9	19.3E	13.2	6.60B	4.50B	25
26	5.16B	4.05B	3.69B	3.67E	27.2	42.6	31.3	23.7	19.4E	12.7	6.50B	4.46B	26
27	5.11B	4.03B	3.68B	3.68E	27.9	42.3	30.4	23.2	20.0E	12.5B	6.39B	4.43B	27
28	5.07B	4.01B	3.67B	3.69E	29.5	41.9	29.6	22.6	27.3E	12.1B	6.29B	4.39B	28
29	5.02B		3.66B	3.69E	31.6	41.7	29.3	21.8	26.9E	11.7B	6.19B	4.36B	29
30	4.96B		3.65B	3.70A	34.1	42.2	29.0	21.1	26.5E	11.3B	6.08B	4.32B	30
31	4.92B		3.64B		37.5		28.9	20.5		11.1B		4.28B	31
TOTAL	171.42	122.79	117.63	108.16	482.93	1 586.3	1 148.1	794.1	537.9	540.9	238.16	154.50	TOTAL
MEAN	5.53	4.39	3.79	3.61	15.6	52.9	37.0	25.6	17.9	17.4	7.94	4.98	MEAN
MAX	5.97	4.88	3.98	3.70	37.5	64.5	44.7	28.6	27.3	26.2	10.8	5.99	MAX
MIN	4.92	4.01	3.64	3.52	3.72	41.7	28.9	20.5	14.5	11.1	6.08	4.28	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.4
MAXIMUM DAILY, 64.5 ON JUN 08
MINIMUM DAILY, 3.52B ON APR 12
MAXIMUM INSTANTANEOUS,
65.0 AT 10:27 PST ON JUN 09

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 56 48 N
LONG 134 19 29 W
DRAINAGE AREA, 992 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	99 200
FEB	10 600	AUG	68 600
MAR	10 200	SEP	46 500
APR	9 350	OCT	46 700
MAY	41 700	NOV	20 600
JUN	137 000	DEC	13 300

TOTAL DISCHARGE, 519 000 dam³

TUYA RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.9 B	8.05B	8.60B	10.3B	36.9	522	48.0	19.3	12.2	12.8	9.85B	6.50B	1
2	11.6 B	7.95B	8.60B	10.4B	36.3	423	53.8	18.2	12.3	12.8	9.40B	6.50B	2
3	11.4 B	7.90B	8.60B	10.5B	41.5	356	54.1	17.5	12.7	13.1 A	8.80B	6.80B	3
4	11.2 B	7.85B	8.55B	10.6B	53.8	311	47.7	16.9	12.7	12.0 E	8.70B	7.40B	4
5	11.1 B	7.80B	8.45B	10.7B	56.9	302	43.5	16.1	12.4	11.9 E	8.75B	8.10B	5
6	11.0 B	7.85B	8.45B	10.8B	87.4	255	40.9	15.8	12.2	13.0 E	8.95B	10.0 B	6
7	11.0 B	7.95B	8.45B	10.9B	89.0	234	42.7	15.7	11.8	14.3 E	9.05B	10.4 B	7
8	11.1 B	8.05B	8.45B	11.1B	86.1	211	42.3	15.1	10.9	14.7 E	8.95B	10.6 B	8
9	11.1 B	8.10B	8.50B	11.3B	81.8	176	43.9	14.7	10.8	13.8 E	8.50B	10.5 B	9
10	11.2 B	8.20B	8.65B	11.6B	91.5	155	41.9	14.6	11.0	13.4 E	7.80B	10.4 B	10
11	11.1 B	8.20B	8.85B	11.9B	103	143	38.3	14.5	11.3	13.2 E	7.60B	9.80B	11
12	11.0 B	8.15B	9.00B	12.5B	111	129	34.9	14.2	11.1E	13.0 E	7.60B	8.75B	12
13	10.9 B	8.15B	9.10B	12.8B	122	128	34.3	13.2	11.0E	12.5 E	7.70B	8.90B	13
14	10.7 B	8.20B	9.20B	13.4B	138	119	32.6	13.0	10.9E	11.8 E	8.05B	9.00B	14
15	10.6 B	8.30B	9.25B	14.0B	163	105	30.6	14.1	10.7E	10.9 E	9.00B	9.00B	15
16	10.5 B	8.30B	9.25B	14.4B	189	91.2	33.6	15.8	10.6E	10.5 E	9.70B	8.80B	16
17	10.4 B	8.30B	9.20B	15.1B	218	78.5	46.8	15.4	10.7E	10.3 E	9.60B	8.70B	17
18	10.4 B	8.25B	9.10B	16.0B	247	70.9	45.8	14.8	11.7E	10.3 E	9.00B	8.49B	18
19	10.4 B	8.20B	9.00B	17.0B	261	67.2	40.8	14.5	12.5E	10.4 E	8.40B	8.55B	19
20	10.4 B	8.20B	8.85B	18.2B	262	64.4	34.9	14.5	12.3E	10.9 E	7.75B	8.70B	20
21	10.4 B	8.25B	8.80B	20.0B	273	63.0	30.9	17.0	12.3E	11.0 E	7.50B	8.90B	21
22	10.3 B	8.25B	8.85B	22.0B	268	67.4	28.3	17.0	11.9E	10.8 E	7.50B	9.20B	22
23	10.1 B	8.30B	8.90B	26.0A	249	72.7	27.1	15.8	14.6E	10.6 E	7.55B	9.55B	23
24	9.90B	8.25B	9.00B	28.3	220	65.8	27.1	14.9	16.1E	10.0 E	7.70B	9.65B	24
25	9.55B	8.25B	9.10B	30.9	204	61.1	26.5	13.8	16.0E	9.50E	8.00B	9.65B	25
26	9.20B	8.30B	9.25B	31.9	209	57.5	24.4	13.1	15.3A	9.00B	8.40B	9.55B	26
27	8.90B	8.45B	9.40B	31.4	243	52.6	22.6	12.8	14.1	8.80B	8.55B	8.95B	27
28	8.55B	8.55B	9.55B	32.2	288	48.8	21.4	12.7	13.6	9.10B	8.40B	8.40B	28
29	8.35B		9.70B	34.4	342	46.8	20.2	12.8	13.4	9.60B	7.95B	8.30B	29
30	8.25B		9.85B	39.1	416	47.2	19.4	12.4	13.1	9.90B	7.20B	8.40B	30
31	8.20B		10.1 B		461		19.4	12.3		9.95B		8.20B	31
TOTAL	320.70	228.55	278.60	549.7	5 648.2	4 544.1	1 098.7	462.5	373.3	353.85	251.90	274.64	TOTAL
MEAN	10.3	8.16	8.99	18.3	182	151	35.4	14.9	12.4	11.4	8.40	8.86	MEAN
MAX	11.9	8.55	10.1	39.1	461	522	54.1	19.3	16.1	14.7	9.85	10.6	MAX
MIN	8.20	7.80	8.45	10.3	36.3	46.8	19.4	12.3	10.6	8.80	7.20	6.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.4
MAXIMUM DAILY, 522 ON JUN 01
MINIMUM DAILY, 6.50B ON DEC 01
MAXIMUM INSTANTANEOUS,
558 AT 12:39 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 20 N
LONG 130 49 27 W
DRAINAGE AREA, 3 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 700	JUL	94 900
FEB	19 700	AUG	40 000
MAR	24 100	SEP	32 300
APR	47 500	OCT	30 600
MAY	488 000	NOV	21 800
JUN	393 000	DEC	23 700

TOTAL DISCHARGE, 1 240 000 dam³

TWO FORTY CREEK NEAR PENTICTON - STATION NO. 08NM240

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0.006B	0.004B	0.005B	0.153	0.620	0.132	0.029	0.014	0.004	0.005B	0.008B	1
2	0.007B	0.006B	0.004B	0.004B	0.126	0.628	0.130	0.025	0.013	0.004	0.004B	0.008B	2
3	0.007B	0.006B	0.004B	0.004B	0.140	0.613	0.115	0.022	0.012	0.004	0.004B	0.008B	3
4	0.007B	0.006B	0.004B	0.004B	0.201	0.594	0.102	0.020	0.010	0.009	0.005B	0.009B	4
5	0.007B	0.006B	0.004B	0.005B	0.383	0.476	0.134	0.020	0.010	0.009	0.005B	0.009B	5
6	0.007B	0.006B	0.004B	0.005B	0.465	0.435	0.247	0.018	0.009	0.007	0.005B	0.009B	6
7	0.007B	0.006B	0.004B	0.005B	0.340	0.535	0.163	0.017	0.008	0.007	0.005B	0.008B	7
8	0.007B	0.006B	0.004B	0.006B	0.267	0.432	0.133	0.016	0.008	0.006	0.005B	0.008B	8
9	0.007B	0.006B	0.004B	0.008B	0.230	0.411	0.118	0.015	0.007	0.006	0.006B	0.008B	9
10	0.007B	0.006B	0.004B	0.010B	0.227	0.612	0.100	0.014	0.008	0.007	0.008B	0.008B	10
11	0.007B	0.006B	0.004B	0.013B	0.251	0.483	0.099A	0.014	0.007	0.007	0.010B	0.008B	11
12	0.007B	0.005B	0.004B	0.015B	0.265	0.395	0.090	0.013	0.007	0.006	0.010B	0.008B	12
13	0.007B	0.005B	0.004B	0.014B	0.258	0.477	0.078	0.012	0.007	0.006	0.010B	0.008B	13
14	0.007B	0.005B	0.004B	0.025B	0.244	0.574	0.074	0.010	0.006	0.006	0.009B	0.008B	14
15	0.007B	0.005B	0.004B	0.034B	0.234	0.731	0.064	0.010	0.006	0.006	0.009B	0.008B	15
16	0.006B	0.005B	0.004B	0.044B	0.231	0.730	0.062	0.009	0.012	0.006	0.009B	0.008B	16
17	0.006B	0.005B	0.004B	0.085A	0.252	0.607	0.056	0.010	0.011	0.006	0.009B	0.008B	17
18	0.006B	0.004B	0.004B	0.086	0.271	0.503	0.051	0.015	0.009	0.006	0.008B	0.007B	18
19	0.006B	0.004B	0.004B	0.098	0.284	0.452	0.049	0.014	0.008	0.006	0.008B	0.007B	19
20	0.006B	0.004B	0.004B	0.112	0.288	0.414	0.045	0.012	0.007	0.006	0.008B	0.007B	20
21	0.006B	0.004B	0.004B	0.148	0.279	0.375	0.041	0.016	0.006	0.006	0.008B	0.007B	21
22	0.006B	0.004B	0.004B	0.186	0.397	0.369	0.038	0.023	0.006	0.006	0.009B	0.007B	22
23	0.006B	0.004B	0.004B	0.204	0.516	0.346	0.037	0.016	0.006	0.005	0.010B	0.007B	23
24	0.006B	0.004B	0.004B	0.223	0.492	0.307	0.034	0.013	0.005	0.006	0.009B	0.007B	24
25	0.006B	0.004B	0.004B	0.211	0.437	0.252	0.036	0.021	0.005	0.006	0.008B	0.007B	25
26	0.006B	0.004B	0.004B	0.182	0.434	0.214	0.037	0.019	0.005	0.007	0.007B	0.007B	26
27	0.006B	0.004B	0.004B	0.167	0.464	0.187	0.033	0.014	0.004	0.007	0.007B	0.007B	27
28	0.006B	0.004B	0.004B	0.176B	0.610	0.175	0.030	0.012	0.004	0.007	0.008B	0.007B	28
29	0.006B		0.004B	0.172	0.900	0.156	0.027	0.011	0.004	0.006B	0.008B	0.007B	29
30	0.006B		0.005B	0.174	0.676	0.144	0.030	0.025	0.004	0.006B	0.008B	0.007B	30
31	0.006B		0.005B		0.605		0.036	0.019		0.006B		0.007B	31
TOTAL	0.201	0.140	0.126	2.425	10.920	13.247	2.421	0.503	0.228	0.192	0.224	0.237	TOTAL
MEAN	0.007	0.005	0.004	0.081	0.352	0.442	0.078	0.016	0.008	0.006	0.008	0.008	MEAN
MAX	0.007	0.006	0.005	0.223	0.900	0.731	0.247	0.028	0.014	0.009	0.010	0.009	MAX
MIN	0.006	0.004	0.004	0.004	0.126	0.144	0.027	0.009	0.004	0.004	0.004	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.085
MAXIMUM DAILY, 0.900 ON MAY 29
MINIMUM DAILY, 0.004B ON FEB 18
MAXIMUM INSTANTANEOUS,
1.01 AT 08:30 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 01 N
LONG 119 23 50 W
DRAINAGE AREA, 5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17.4	JUL	209
FEB	12.1	AUG	43.5
MAR	10.9	SEP	19.7
APR	210	OCT	16.6
MAY	943	NOV	19.4
JUN	1 140	DEC	20.5

TOTAL DISCHARGE, 2 660 dam³

TWO FORTY-ONE CREEK NEAR PENTICTON - STATION NO. 08NM241

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0.005B	0.003B	0.005B	0.120	0.633	0.070	0.016	0.024E	0.001	0.005B	0.007B	1
2	0.007B	0.005B	0.003B	0.004B	0.110	0.545	0.075	0.012	0.020E	0.001	0.004B	0.007B	2
3	0.007B	0.005B	0.003B	0.004B	0.132	0.606	0.071	0.011	0.016E	0.001	0.005B	0.008B	3
4	0.007B	0.005B	0.003B	0.004B	0.245	0.540	0.060	0.009	0.013E	0.011	0.005B	0.003B	4
5	0.007B	0.005B	0.003B	0.005B	0.527	0.404	0.087	0.008	0.010E	0.013	0.005B	0.008B	5
6	0.007B	0.005B	0.003B	0.006B	0.494	0.357	0.193	0.007	0.008E	0.009	0.005B	0.008B	6
7	0.007B	0.005B	0.003B	0.007B	0.283	0.451	0.109	0.005	0.006E	0.007	0.005B	0.007B	7
8	0.007B	0.005B	0.003B	0.008B	0.210	0.351	0.088	0.005	0.005E	0.006	0.006B	0.007B	8
9	0.007B	0.005B	0.003B	0.010B	0.186	0.334	0.072	0.004	0.004E	0.007	0.007B	0.007B	9
10	0.007B	0.005B	0.003B	0.014B	0.203	0.535	0.063	0.004	0.003A	0.008	0.008B	0.007B	10
11	0.007B	0.005B	0.003B	0.016B	0.243	0.406	0.056	0.004	0.003	0.007	0.009B	0.007B	11
12	0.007B	0.005B	0.003B	0.017B	0.252	0.341	0.050	0.003	0.002	0.006	0.009B	0.007B	12
13	0.007B	0.004B	0.003B	0.016B	0.240	0.496	0.045	0.003	0.002	0.005	0.009B	0.007B	13
14	0.006B	0.004B	0.003B	0.066B	0.232	0.598	0.039	0.002	0.002	0.005	0.008B	0.007B	14
15	0.006B	0.004B	0.003B	0.081B	0.218	0.734	0.035	0.002	0.002	0.005	0.008B	0.007B	15
16	0.006B	0.004B	0.003B	0.105B	0.228	0.696	0.031	0.002	0.012	0.005	0.008B	0.007B	16
17	0.006B	0.003B	0.003B	0.154A	0.269	0.505	0.028	0.003	0.012	0.005	0.008B	0.007B	17
18	0.006B	0.003B	0.004B	0.186	0.276	0.407	0.027	0.011	0.007	0.005	0.007B	0.006B	18
19	0.006B	0.003B	0.004B	0.203	0.277	0.357	0.024	0.010	0.005	0.005	0.007B	0.006B	19
20	0.006B	0.003B	0.004B	0.221	0.281	0.317	0.022	0.008	0.004	0.005	0.007B	0.006B	20
21	0.006B	0.003B	0.004B	0.290	0.245	0.275	0.019	0.011	0.003	0.005	0.007B	0.006B	21
22	0.006B	0.003B	0.004B	0.327	0.390	0.251	0.018	0.019	0.003	0.005	0.008B	0.006B	22
23	0.006B	0.003B	0.004B	0.288	0.500	0.230	0.018	0.010	0.002	0.005	0.009B	0.006B	23
24	0.006B	0.003B	0.004B	0.241	0.440	0.200	0.017	0.013	0.002	0.005	0.008B	0.006B	24
25	0.006B	0.003B	0.004B	0.191	0.377	0.161	0.020	0.032	0.002	0.006	0.007B	0.006B	25
26	0.006B	0.003B	0.004B	0.159	0.387	0.137	0.022	0.023	0.001	0.010	0.006B	0.006B	26
27	0.006B	0.003B	0.004B	0.142	0.407	0.125	0.017	0.014	0.001	0.009	0.006B	0.006B	27
28	0.006B	0.003B	0.004B	0.147	0.637	0.113	0.014	0.010	0.001	0.009	0.007B	0.006B	28
29	0.006B		0.004B	0.139	0.946	0.094A	0.013	0.008	0.001	0.009	0.007B	0.006B	29
30	0.005B		0.005B	0.129	0.583	0.075	0.012	0.040	0.001	0.008		0.006B	30
31	0.005B		0.005B		0.546		0.027	0.031A		0.006B			31
TOTAL	0.197	0.112	0.109	3.185	10.484	11.274	1.447	0.341	0.177	0.194	0.207	0.207	TOTAL
MEAN	0.006	0.004	0.004	0.106	0.338	0.376	0.047	0.011	0.006	0.006	0.007	0.007	MEAN
MAX	0.007	0.005	0.005	0.327	0.946	0.734	0.193	0.040	0.024	0.013	0.009	0.008	MAX
MIN	0.005	0.003	0.003	0.004	0.110	0.075	0.013	0.002	0.001	0.001	0.004	0.006	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 0.946 ON MAY 29
MINIMUM DAILY, 0.001 ON SEP 26
MAXIMUM INSTANTANEOUS,
1.18 AT 07:30 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 05 N
LONG 119 23 30 W
DRAINAGE AREA, 4.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17.0	JUL	135
FEB	9.68	AUG	29.5
MAR	9.42	SEP	15.3
APR	275	OCT	16.9
MAY	906	NOV	17.9
JUN	974	DEC	17.9

TOTAL DISCHARGE, 2 410 dam³

TWO MILE CREEK IN DISTRICT LOT 4834 - STATION NO. 08EE025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.200B	0.090B	0.082B	0.132E	0.096	0.172	0.615	0.222	0.157	0.095	0.093	0.066B	1
2	0.199B	0.084B	0.085B	0.136E	0.095	0.146	1.03	0.218	0.152	0.098	0.087	0.066B	2
3	0.199B	0.082B	0.089B	0.139E	0.097	0.204	0.784	0.217	0.151	0.099	0.090	0.070B	3
4	0.200B	0.080B	0.093B	0.143E	0.099	0.478	0.378	0.207	0.146	0.096	0.109	0.074B	4
5	0.202B	0.078B	0.096B	0.151E	0.107	0.379	0.256	1.11	0.138	0.094	0.096	0.080B	5
6	0.207B	0.077B	0.098B	0.154E	0.173	0.283	0.249	0.377	0.132	0.085	0.091	0.100B	6
7	0.209B	0.076B	0.099B	0.154E	0.237	0.224	0.243	0.526	0.122	0.086	0.079	0.134B	7
8	0.210B	0.075B	0.100B	0.154E	0.179	0.197	0.321	0.295	0.112	0.085	0.088	0.115B	8
9	0.209B	0.075B	0.101B	0.154E	0.179	0.189	0.402	0.217	0.110	0.083	0.090	0.100B	9
10	0.207B	0.074B	0.101B	0.158E	0.158	0.171	0.373	0.404	0.108	0.078	0.083	0.079B	10
11	0.204B	0.073B	0.100B	0.160E	0.104	0.198	0.338	0.216	0.103	0.084	0.082	0.074B	11
12	0.202B	0.072B	0.100B	0.164A	0.071	0.213	0.317	0.119	0.105	0.085	0.085	0.072B	12
13	0.200B	0.072B	0.101B	0.160	0.065	0.204	0.304	0.105	0.108	0.079	0.091	0.071B	13
14	0.198B	0.071B	0.105B	0.165	0.069	0.183	0.282	0.101	0.099	0.075	0.079	0.070B	14
15	0.192B	0.070B	0.119B	0.170	0.064	0.166	0.260	0.100	0.109	0.073	0.075	0.068B	15
16	0.189B	0.070B	0.116B	0.160	0.061	0.160	0.280	0.115	0.105	0.076	0.089	0.066B	16
17	0.187B	0.070B	0.110B	0.145	0.061	0.159	0.271	0.136	0.106	0.075	0.084B	0.064B	17
18	0.184B	0.070B	0.110B	0.153	0.065	0.163	0.268	0.138	0.111	0.087	0.081B	0.060B	18
19	0.179B	0.069B	0.110B	0.148	0.064	0.180	0.261	0.121	0.108	0.089	0.080B	0.055B	19
20	0.176B	0.068B	0.110B	0.157	0.067	0.191	0.255	0.125	0.109	0.088	0.079B	0.050B	20
21	0.171B	0.068B	0.110B	0.153	0.065	0.183	0.259	0.138	0.107	0.088	0.078B	0.049B	21
22	0.169B	0.069B	0.111B	0.152	0.064	0.166	0.586	0.149	0.106	0.087	0.074B	0.047B	22
23	0.168B	0.070B	0.112B	0.136	0.073	0.178	0.295	0.153	0.104	0.085	0.070B	0.046B	23
24	0.164B	0.072B	0.113B	0.131	0.069	0.170	0.179	0.148	0.105	0.079	0.068B	0.046B	24
25	0.161B	0.073B	0.114B	0.128	0.066	0.157	0.167	0.131	0.106	0.078	0.066B	0.047B	25
26	0.159B	0.075B	0.115B	0.129	0.067	0.231	0.179	0.121	0.104	0.101	0.065B	0.046B	26
27	0.156B	0.076B	0.116B	0.121	0.073	0.248	0.191	0.126	0.096	0.112	0.064B	0.046B	27
28	0.152B	0.077B	0.120B	0.127	0.078	0.227	0.205	0.111	0.091	0.104	0.067B	0.046B	28
29	0.139B		0.124B	0.119	0.082	0.211	0.210	0.125	0.089	0.100	0.068B	0.044B	29
30	0.120B		0.127B	0.109	0.079	0.252	0.213	0.130	0.093	0.096	0.068B	0.042B	30
31	0.100B		0.130B		0.121		0.221	0.139		0.093		0.041B	31
TOTAL	5.612	2.076	3.317	4.364	2.948	6.283	10.192	6.540	3.391	2.733	2.419	2.034	TOTAL
MEAN	0.181	0.074	0.107	0.146	0.095	0.209	0.329	0.211	0.113	0.088	0.081	0.066	MEAN
MAX	0.210	0.090	0.130	0.170	0.237	0.478	1.03	1.11	0.157	0.112	0.109	0.134	MAX
MIN	0.100	0.068	0.082	0.109	0.061	0.146	0.167	0.100	0.088	0.073	0.064	0.041	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.142
MAXIMUM DAILY, 1.11 ON AUG 05
MINIMUM DAILY, 0.041B ON DEC 31
MAXIMUM INSTANTANEOUS,
2.11E AT 15:21 PST ON JUL 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 46 N
LONG 127 37 07 W
DRAINAGE AREA, 20 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	485	JUL	881
FEB	179	AUG	565
MAR	287	SEP	293
APR	377	OCT	236
MAY	255	NOV	209
JUN	543	DEC	176

TOTAL DISCHARGE, 4 490 dam³

UCONA RIVER AT THE MOUTH - STATION NO. 08HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.8	7.60	9.06	18.8	11.9	11.6 E	10.2 E	1.75 E	2.40 E	1.87	19.2	22.7	1
2	11.8	25.0	9.02	18.4	16.3	19.0 E	9.60E	1.65 E	2.10 E	2.47	13.8	17.4	2
3	10.6	49.2	9.65	16.0	17.5	34.0 E	8.90E	1.55 E	1.80 E	10.9	19.6	220	3
4	13.1	22.7	10.6	14.2	19.7	31.5 E	8.00E	1.45 E	1.60 E	35.3	20.3	128	4
5	45.0	20.3	11.6	13.4	21.6	28.0 E	9.10A	1.37 E	1.42 E	16.6	16.0	48.5	5
6	49.2	15.1	14.5	13.3	19.7	25.0 E	13.7	1.33 E	1.33 E	10.4	13.1	33.0	6
7	63.9	11.9	11.9	14.9	15.8	22.5 E	11.2	1.30 E	1.31 E	8.04	20.7	25.2	7
8	38.0	9.88	9.71	15.1	13.2	20.0 E	9.18	1.26 E	1.30 E	6.78	17.2	46.6	8
9	28.6	10.0	9.18	13.0	12.4	17.8 E	8.30	1.20 E	1.29 E	14.7	50.5	29.5	9
10	22.2	26.0	10.3	12.2	12.6	22.0 E	7.77	1.12 E	1.27 E	14.8	72.3	20.4	10
11	16.9	28.4	9.37	15.7	13.7	21.0 E	7.63	1.05 E	1.22 E	13.9	378	15.0	11
12	18.3	17.4	8.43	16.7	14.0	25.2 E	7.53	1.14 E	1.17 E	24.2	177	12.1	12
13	23.3	12.2	8.55	14.8	14.4	22.4 E	7.15	1.46 E	1.11 E	19.7	93.7	9.76	13
14	21.0	10.0	11.3	14.8	13.7	19.8 E	6.11	1.40 E	1.08 E	14.1	53.2	10.2	14
15	16.5	8.74	10.8	17.2	13.3	18.0 E	5.77A	1.24 E	1.07 E	11.6	39.7	11.3	15
16	14.1	7.46	9.87	22.4	12.3	16.3 E	5.30E	1.13 E	1.06 E	9.54	85.5	9.15	16
17	11.5	6.38	15.5	35.3	12.2	14.9 E	4.90E	1.07 E	1.05 E	11.6	54.4	19.3	17
18	9.62	5.69	24.7	26.0	11.5	13.7 E	4.50E	1.03 E	1.05 A	30.3	32.3	20.2	18
19	8.56	5.11	21.2	22.7	10.7	12.8 E	4.10E	0.980E	1.01	19.8	23.6	11.8	19
20	7.39	4.90	20.8	22.3	10.8	11.9 E	3.80E	0.900E	0.895	14.5	17.7	8.75	20
21	7.40	4.88	20.3	19.2	11.8A	11.4 E	3.52E	0.800E	0.936	28.8	16.9	7.16	21
22	12.7	4.97	18.2	18.1	11.9E	11.1 E	3.25E	0.740E	0.953	19.8	44.2	6.11	22
23	12.4	5.78	15.9	17.9	12.4E	11.0 E	2.98E	0.685E	0.948	19.5	343	5.23	23
24	14.1	9.39	13.3	16.3	12.0E	10.2 E	2.76E	0.660E	0.890	106	85.4	4.77	24
25	35.3	12.4	11.5	15.5	11.3E	9.70E	2.53E	0.650E	0.862	138	43.3	4.30	25
26	19.4	10.9	10.1	14.5	10.7E	9.10E	2.38E	0.650E	0.833	60.5	28.4	4.03	26
27	13.7	9.49	9.77	12.7	11.0E	8.60E	2.33E	1.30 E	0.767	72.0	20.7	4.24	27
28	14.1	9.20	10.8	11.3	12.6E	8.80E	2.22E	2.50 E	0.757	61.1	32.4	3.80	28
29	13.8		13.0	9.87	12.4E	9.60E	2.09E	3.80 E	0.782	52.3	77.2	3.44	29
30	10.5		15.2	9.50	12.2E	10.2 E	1.98E	3.00 E	0.705	45.6	33.2	3.44	30
31	8.77		17.8		12.0E		1.88E	2.72 E		28.6		4.75	31
TOTAL	608.54	370.97	401.91	502.07	418.4	517.10	180.66	42.885	34.968	923.30	1 942.5	770.13	TOTAL
MEAN	19.6	13.2	13.0	16.7	13.5	17.2	5.83	1.38	1.17	29.8	64.8	24.8	MEAN
MAX	63.9	49.2	24.7	35.3	21.6	34.0	13.7	3.80	2.40	138	378	220	MAX
MIN	7.39	4.88	8.43	9.50	10.7	8.60	1.88	0.650	0.705	1.87	13.1	3.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 378 ON NOV 11
MINIMUM DAILY, 0.650E ON AUG 25

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 126 05 52 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 600	JUL	15 600
FEB	32 100	AUG	3 710
MAR	34 700	SEP	3 020
APR	43 400	OCT	79 800
MAY	36 100	NOV	168 000
JUN	44 700	DEC	66 500

TOTAL DISCHARGE, 580 000 dam³

UNNAMED CREEK AT SITE NO. 10 - STATION NO. 08CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.069B	0.047B	0.064B	0.083B	0.127B	8.29	6.49	3.38	1.13	0.637	0.174B	0.096B	1
2	0.068B	0.047B	0.064B	0.084B	0.129B	6.80	6.22	2.34	0.989	0.574	0.170B	0.091B	2
3	0.068B	0.048B	0.064B	0.086B	0.133B	6.60	5.96	2.85	0.868	0.539	0.167B	0.086B	3
4	0.066B	0.049B	0.064B	0.089B	0.142B	6.30	5.26	4.53	1.60	0.494	0.160B	0.079B	4
5	0.069B	0.050B	0.064B	0.094B	0.154B	5.63	5.05	4.15	1.64	0.440B	0.157B	0.074B	5
6	0.069B	0.050B	0.064B	0.100B	0.166B	6.00	5.06	3.90	1.65	0.400B	0.155B	0.078B	6
7	0.070B	0.051B	0.063B	0.104B	0.167B	6.12	5.14	2.85	1.89	0.368B	0.152B	0.084B	7
8	0.071B	0.052B	0.061B	0.107B	0.165B	5.69	5.12	3.85	1.46	0.340B	0.150B	0.084B	8
9	0.070B	0.053B	0.060B	0.110B	0.160B	4.92	4.90	4.54	1.34	0.330B	0.148B	0.080B	9
10	0.070B	0.054B	0.060B	0.111B	0.155B	5.44	6.36	4.80	1.13	0.318B	0.139B	0.078B	10
11	0.068B	0.054B	0.061B	0.112B	0.148B	6.21	5.78	5.45	1.33	0.310B	0.135B	0.074B	11
12	0.067B	0.054B	0.062B	0.113B	0.146B	6.42	5.03	5.73	1.54	0.300B	0.131B	0.070B	12
13	0.064B	0.053B	0.063B	0.114B	0.148B	7.35	4.10	5.26	1.36	0.290B	0.125B	0.068B	13
14	0.061B	0.053B	0.064B	0.115B	0.153	7.44	3.15	4.96	1.68	0.280B	0.123B	0.066B	14
15	0.059B	0.052B	0.065B	0.117B	0.170	6.76	3.44	3.75	2.12	0.272B	0.121B	0.062B	15
16	0.058B	0.052B	0.066B	0.120B	0.202	5.96	3.18	3.99	1.40	0.261B	0.120B	0.059B	16
17	0.058B	0.052B	0.066B	0.124B	0.239	4.81	2.77	3.44	0.881	0.257B	0.126B	0.055B	17
18	0.058B	0.052B	0.066B	0.132B	0.272	4.54	3.18	3.56	0.812	0.252B	0.130B	0.053B	18
19	0.057B	0.053B	0.065B	0.136B	0.318	4.43	3.49	3.40	0.647	0.250B	0.128B	0.051B	19
20	0.057B	0.055B	0.064B	0.138B	0.295	4.39	3.71	5.74	1.95	0.250B	0.126B	0.048B	20
21	0.057B	0.063B	0.061B	0.139B	0.327	6.72	4.50	3.36	2.69	0.250B	0.120B	0.047B	21
22	0.056B	0.069B	0.061B	0.137B	0.413	8.04	5.12	2.67	2.87	0.248B	0.119B	0.045B	22
23	0.055B	0.070B	0.062B	0.135B	0.420	6.13	5.15	2.57	3.69	0.230B	0.118B	0.044B	23
24	0.053B	0.070B	0.063B	0.135B	0.304	4.58	5.33	2.00	3.62	0.220B	0.113B	0.044B	24
25	0.052B	0.068B	0.065B	0.130B	0.266	3.96	5.01	1.77	2.00	0.210B	0.111B	0.044B	25
26	0.051B	0.067B	0.067B	0.127B	0.354	4.16	3.84	2.08	1.15	0.202B	0.110B	0.044B	26
27	0.049B	0.065B	0.070B	0.126B	0.978	4.71	3.35	2.00	0.818	0.198B	0.109B	0.043B	27
28	0.048B	0.064B	0.073B	0.125B	5.69	5.23	3.68	2.80	1.09	0.191B	0.107B	0.041B	28
29	0.047B		0.077B	0.125B	7.44	5.98	4.30	2.75	0.856	0.188B	0.105B	0.040B	29
30	0.047B		0.079B	0.126B	7.57	6.37	4.70	1.92	0.731	0.187B	0.100B	0.038B	30
31	0.047B		0.082B		8.01		4.97	1.67		0.180B		0.036B	31
TOTAL	1.861	1.567	2.030	3.491	35.361	175.98	143.34	108.06	46.932	9.466	3.949	1.902	TOTAL
MEAN	0.060	0.056	0.066	0.116	1.14	5.87	4.62	3.49	1.56	0.305	0.132	0.061	MEAN
MAX	0.071	0.070	0.082	0.139	8.01	8.29	6.49	5.74	3.69	0.637	0.174	0.096	MAX
MIN	0.047	0.047	0.060	0.083	0.127	3.96	2.77	1.67	0.647	0.180	0.100	0.036	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 8.29 ON JUN 01
MINIMUM DAILY, 0.036B ON DEC 31
MAXIMUM INSTANTANEOUS,
10.3 AT 06:54 PST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 13 02 N
LONG 129 06 28 W
DRAINAGE AREA, 29.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	161	JUL	12 400
FEB	135	AUG	9 340
MAR	175	SEP	4 050
APR	302	OCT	818
MAY	3 060	NOV	341
JUN	15 200	DEC	164

TOTAL DISCHARGE, 46 100 dam³

UNUK RIVER NEAR STEWART - STATION NO. 08DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	100 B	24.0B	17.8B	30.0B	71.0E	231E	259E	276	210E	149 E	42.0E	20.2B	1
2	94.0B	23.2B	18.0B	29.7B	90.0E	247E	259E	206	170E	135 E	46.0E	20.1B	2
3	90.0B	23.0B	18.7B	29.0B	115 E	270E	285A	222	180E	128 E	45.0E	20.0B	3
4	85.0B	22.8B	19.0B	28.7B	138 E	260E	298	311	210E	117 E	40.0E	19.9B	4
5	82.0B	22.4B	20.0B	28.3B	130 E	165E	313	304	230E	111 E	35.0E	35.0B	5
6	82.5B	22.1B	20.1B	28.0B	100 E	160E	335	289	173E	113 E	33.0E	65.0B	6
7	84.5B	21.8B	19.9B	27.0B	90.0E	163E	348	248	199E	125 E	36.0E	111	7
8	82.0B	20.7B	19.8B	26.7B	96.0E	172E	351	269	170E	140 E	34.0E	61.7	8
9	77.5B	19.9B	19.7B	26.9B	105 E	190E	333	352	149E	267 E	32.0E	42.0E	9
10	71.0B	19.0B	19.8B	27.0B	107 E	184E	440	374	133E	155 E	30.5E	36.3E	10
11	66.0B	18.1B	19.9B	23.0B	107 E	175E	360	418	135E	200 E	29.0E	34.5B	11
12	63.0B	17.7B	20.0B	31.0B	104 E	180E	307	451	138E	190 E	29.0E	33.3B	12
13	61.0B	17.2B	20.5B	34.0B	110 E	210E	280	452	149E	170 E	28.8E	32.0B	13
14	59.9B	16.9B	21.2B	37.3A	120 E	270E	242	419	168E	120 E	28.5E	31.0B	14
15	58.2B	16.7B	22.0B	48.1	121 E	265E	255	295	172E	105 E	28.3E	30.3B	15
16	57.0B	16.3B	23.0B	52.0	121 E	225E	236	272	129E	96.0E	28.3E	29.8B	16
17	56.0B	16.1B	23.8B	60.8	121 E	200E	212	284	111E	86.0E	28.2E	29.0B	17
18	55.0B	16.0B	24.3B	69.1	114 E	189E	231	271	140E	78.0E	30.0E	28.5B	18
19	54.5B	16.0B	24.1B	76.4	120 E	210E	276	269	122E	72.0E	32.2E	27.8B	19
20	54.0B	16.1B	23.5B	85.8	130 E	300E	293	382	140E	70.0E	28.5E	27.0B	20
21	53.0B	16.2B	22.0B	77.6	150 E	350E	323	308	195E	82.0E	27.0B	26.4B	21
22	52.5B	16.3B	21.0B	75.8	145 E	310E	337	232	300E	130 E	26.0B	25.9B	22
23	52.0B	16.4B	21.2B	70.9	140 E	265E	341	207	380E	330 E	25.0B	25.7B	23
24	50.5B	16.6B	21.6B	65.5	143 E	225E	352	175	300E	320 E	24.0B	25.8B	24
25	50.0B	16.7B	22.0B	63.7	190 E	208E	355	159A	220E	175 E	23.0B	25.8B	25
26	46.0B	16.8B	22.2B	61.9	280 E	200E	305	170E	110E	90.0E	22.5B	25.9B	26
27	40.0B	16.9B	23.0B	61.9	270 E	215E	268	230E	340E	73.0E	22.0B	30.0B	27
28	35.0B	17.1B	23.9B	63.7	250 E	240E	268	330E	300E	63.0E	21.0B	28.8B	28
29	30.0B		24.5B	63.1	236 E	265E	313	380E	210E	56.0E	20.5B	27.5B	29
30	28.0B		26.3B	69.1A	225 E	258E	343	360E	160E	51.0E	20.2B	26.2B	30
31	25.5B		27.4B		220 E		409	270E		46.4A		25.8B	31
TOTAL	1 895.6	519.0	670.2	1 477.0	4 459.0	6 792	9 527	9 184	5 743	4 343.4	895.5	1 028.2	TOTA
MEAN	61.1	18.5	21.6	49.2	144	226	307	296	191	140	29.9	33.2	MEAN
MAX	100	24.0	27.4	85.8	280	350	440	452	380	440	46.0	111	MAX
MIN	25.5	16.0	17.8	26.7	71.0	160	212	159	110	46.4	20.2	19.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 452 ON AUG 13
MINIMUM DAILY, 16.0B ON FEB 18
MAXIMUM INSTANTANEOUS,
567 AT 23:28 PST ON AUG 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 21 05 N
LONG 130 41 30 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	164 000	JUL	823 000
FEB	44 800	AUG	793 000
MAR	57 900	SEP	496 000
APR	128 000	OCT	375 000
MAY	385 000	NOV	77 400
JUN	587 000	DEC	88 800

TOTAL DISCHARGE, 4 020 000 dam³

VAN TINE CREEK NEAR THE MOUTH - STATION NO. 08JA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.295B	0.105B	0.078B	0.230B	1.60	3.04	1.26	0.217	0.105	0.043	0.184B	0.197B	1
2	0.285B	0.104B	0.080B	0.250B	2.13	3.54	1.16	0.199	0.093	0.048	0.171B	0.240B	2
3	0.279B	0.103B	0.085B	0.265B	2.42	3.71	1.34	0.195	0.083	0.050	0.167B	0.285B	3
4	0.255B	0.102B	0.090B	0.290B	2.79	3.75	1.68	0.193	0.080	0.091	0.164B	0.295B	4
5	0.270B	0.103B	0.095B	0.310B	3.09	3.02	1.83	0.186	0.078	0.110	0.162B	0.285B	5
6	0.300B	0.105B	0.097B	0.335B	3.00	2.45	3.44	0.172	0.074	0.104	0.159B	0.275B	6
7	0.295B	0.106B	0.095B	0.375B	2.47	2.46	6.30	0.155	0.066	0.111	0.158B	0.270B	7
8	0.290B	0.108B	0.093B	0.440B	2.87	2.68	4.83	0.152	0.065	0.175	0.157B	0.260B	8
9	0.270B	0.109B	0.091B	0.490B	3.36	2.54	3.50	0.144	0.063	0.249	0.158B	0.240B	9
10	0.260B	0.110B	0.088B	0.480B	3.89	3.08	2.36	0.140	0.059	0.301	0.190B	0.225B	10
11	0.245B	0.104B	0.086B	0.469B	3.96	7.55	1.87	0.132	0.055	0.244	0.290B	0.210B	11
12	0.230B	0.095B	0.084B	0.480B	3.49	8.18	1.52	0.132	0.053	0.210	0.440B	0.205B	12
13	0.220B	0.090B	0.083B	0.550B	2.89	8.58	1.53	0.122	0.049	0.182	0.520B	0.195B	13
14	0.210B	0.085B	0.085B	0.730B	2.50	5.78	1.30	0.113	0.048	0.165	0.620B	0.193B	14
15	0.195B	0.078B	0.088B	1.00 B	2.30	4.12	1.06	0.157	0.049	0.152	0.500B	0.192B	15
16	0.188B	0.073B	0.093B	1.30 B	2.18	3.21	0.902	0.217	0.047	0.135	0.390B	0.190B	16
17	0.180B	0.072B	0.100B	1.60 B	2.27	2.62	0.776	0.209	0.046	0.131	0.330B	0.175B	17
18	0.175B	0.073B	0.109B	2.00 B	2.45	2.23	0.801	0.199	0.045	0.128B	0.265B	0.140B	18
19	0.171B	0.076B	0.114B	2.15 B	2.27	2.04	0.757	0.168	0.043	0.125B	0.245B	0.125B	19
20	0.170B	0.078B	0.120B	2.25 B	2.06	2.13	0.632	0.136	0.042	0.124B	0.230B	0.125B	20
21	0.169B	0.080B	0.124B	2.35 B	4.07	1.84	0.537	0.121	0.043	0.125B	0.220B	0.126B	21
22	0.169B	0.082B	0.122B	2.72	4.50	1.53	0.479	0.118	0.046	0.126B	0.210B	0.127B	22
23	0.170B	0.081B	0.121B	3.10	4.11	1.28	0.431	0.156	0.043	0.129B	0.202B	0.130B	23
24	0.172B	0.081B	0.120B	3.98	3.53	1.15	0.416	0.306	0.044	0.160B	0.197B	0.131B	24
25	0.180B	0.080B	0.135B	2.37	2.86	1.02	0.409	0.253	0.044	0.200B	0.192B	0.131B	25
26	0.185B	0.078B	0.150B	2.13	2.76	1.45	0.358	0.204	0.045	0.255B	0.199B	0.125B	26
27	0.185B	0.078B	0.162B	1.92	2.94	1.41	0.312	0.169	0.044	0.225B	0.200B	0.110B	27
28	0.175B	0.077B	0.175B	1.71	3.02	1.34	0.278	0.145	0.045	0.210B	0.202B	0.096B	28
29	0.165B		0.190B	1.47	3.54	1.39	0.254	0.122	0.043	0.205B	0.199B	0.086B	29
30	0.145B		0.200B	1.40	4.06	1.32	0.236	0.113	0.044	0.191B	0.194B	0.081B	30
31	0.115B		0.215B		3.92		0.232	0.108		0.189B		0.077B	31
TOTAL	6.613	2.516	3.568	38.144	93.30	90.44	42.790	5.153	1.682	4.902	7.515	5.542	TOTAL
MEAN	0.213	0.090	0.115	1.27	3.01	3.01	1.38	0.166	0.056	0.158	0.251	0.179	MEAN
MAX	0.300	0.110	0.215	3.10	4.50	8.58	6.30	0.306	0.105	0.301	0.620	0.295	MAX
MIN	0.115	0.072	0.078	0.230	1.60	1.02	0.232	0.108	0.041	0.043	0.157	0.077	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.828
MAXIMUM DAILY, 8.58 ON JUN 13
MINIMUM DAILY, 0.041 ON SEP 19
MAXIMUM INSTANTANEOUS,
10.1 AT 01:35 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 125 24 50 W
DRAINAGE AREA, 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	571	JUL	3 700
FEB	217	AUG	445
MAR	308	SEP	145
APR	3 300	OCT	424
MAY	8 060	NOV	649
JUN	7 810	DEC	479

TOTAL DISCHARGE, 26 100 dam³

VANCE CREEK BELOW DEAFIES CREEK - STATION NO. 08LC040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.083	0.085	0.078	0.506	0.982	1.32	0.982	0.322	0.155	0.083	0.086	0.132E	1
2	0.082	0.085	0.080	0.776	1.08	1.26	1.24	0.310	0.145	0.085	0.085	0.130	2
3	0.082	0.085	0.078	0.918	1.07	1.76	1.05	0.290	0.135	0.083	0.087	0.137	3
4	0.082	0.085	0.078	0.790	1.28	2.93	0.934	0.278	0.131	0.083	0.086	0.142	4
5	0.083	0.085	0.080	0.822	1.24	2.17	0.934	0.272	0.127	0.079	0.085	0.136	5
6	0.083	0.083	0.078	0.806	1.22	1.89	1.10	0.266	0.126	0.082	0.084	0.136	6
7	0.082	0.083	0.089	0.918	1.20	2.32	0.966	0.242	0.122	0.079	0.086	0.136	7
8	0.086	0.083	0.092	1.05	1.03	2.29	0.918	0.206	0.117	0.076	0.080	0.135	8
9	0.101	0.080	0.087	1.03	1.03	2.05	0.854	0.206	0.112	0.079	0.290	0.136	9
10	0.099	0.083	0.085	1.01	1.01	1.95	0.838	0.196	0.110	0.077	1.07	0.137	10
11	0.085	0.083	0.083	1.01	1.26	2.42	0.776	0.188	0.106	0.078	0.405	0.136	11
12	0.087	0.083	0.085	1.03	1.05	4.88	0.776	0.171	0.105	0.077	0.318	0.135	12
13	0.085	0.072	0.087	1.05	1.05	4.33	0.706	0.171	0.103	0.079	0.306	0.128	13
14	0.083	0.070B	0.087	1.01	1.01	4.00	0.626	0.163	0.101	0.079	0.284	0.125	14
15	0.083	0.070B	0.089	1.03	0.966	3.34	0.602	0.158	0.101	0.079	0.224	0.126	15
16	0.085	0.072B	0.092	1.05	0.950	2.85	0.578	0.150	0.102	0.078	0.192	0.110	16
17	0.083	0.074B	0.096	1.05	0.918	2.68	0.566	0.155	0.101	0.078	0.171	0.107B	17
18	0.083	0.076	0.112	1.10	0.934	2.42	0.542	0.161	0.099	0.079	0.165	0.103B	18
19	0.096	0.078	0.130	1.16	0.950	2.16	0.518	0.158	0.097	0.078	0.159	0.102B	19
20	0.087	0.080	0.174	1.30	0.950	2.17	0.518	0.158	0.095	0.076	0.145	0.101B	20
21	0.080	0.078	0.188	1.30	0.934	1.98	0.470	0.169	0.093	0.079	0.136	0.102B	21
22	0.074	0.078	0.184	1.32	1.03	1.93	0.460	0.162	0.091	0.086	0.158	0.104B	22
23	0.076	0.078	0.192	1.28	1.16	1.71	0.450	0.154	0.087	0.085	0.169	0.106B	23
24	0.078	0.085	0.196	1.30	1.24	1.45	0.440	0.150	0.085	0.084	0.192	0.108B	24
25	0.085	0.083	0.236	1.30	1.32	1.34	0.460	0.161	0.082	0.083	0.188	0.109B	25
26	0.087	0.078	0.230	1.28	1.28	1.14	0.390	0.155	0.074	0.083	0.184	0.107B	26
27	0.087	0.079	0.236	1.26	1.16	1.10	0.380	0.145	0.073	0.083	0.165	0.103B	27
28	0.087	0.077	0.242	1.24	1.14	1.20	0.370	0.140	0.069	0.084	0.145	0.100B	28
29	0.085		0.236	1.10	1.34	1.08	0.362	0.132	0.073	0.085	0.137	0.098B	29
30	0.089		0.290	1.05	1.36	1.01	0.338	0.242	0.078	0.084	0.134E	0.097B	30
31	0.094		0.400		1.32		0.326	0.196		0.087		0.096B	31
TOTAL	2.642	2.230	4.493	31.846	34.464	65.17	20.470	6.027	3.095	2.510	6.016	3.657	TOTAL
MEAN	0.085	0.080	0.145	1.06	1.11	2.17	0.660	0.194	0.103	0.081	0.201	0.118	MEAN
MAX	0.101	0.085	0.400	1.32	1.36	4.88	1.24	0.322	0.155	0.087	0.407	0.142	MAX
MIN	0.074	0.070	0.078	0.506	0.918	1.01	0.326	0.132	0.069	0.076	0.080	0.096	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.500
MAXIMUM DAILY, 4.88 ON JUN 12
MINIMUM DAILY, 0.069 ON SEP 28

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 17 05 N
LONG 118 56 48 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	228	JUL	1 770
FEB	193	AUG	521
MAR	388	SEP	267
APR	2 750	OCT	217
MAY	2 980	NOV	520
JUN	5 630	DEC	316

TOTAL DISCHARGE, 15 800 dam³

VASEUX CREEK ABOVE SOLCO CREEK - STATION NO. 08NM171

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.140B	0.102B	0.092B	0.400B	2.24	9.47	2.25	0.424	0.307	0.116	0.092B	0.086B	1
2	0.140B	0.101B	0.096B	0.860B	2.42	13.3	1.98	0.395	0.264	0.111	0.095B	0.083B	2
3	0.141B	0.102B	0.100B	1.15 B	2.60	12.0	2.07	0.374	0.247	0.128	0.098B	0.086B	3
4	0.143B	0.107B	0.103B	1.22	3.02	14.0	1.67	0.356	0.223	0.144	0.095B	0.092B	4
5	0.148B	0.107B	0.108B	1.27	3.89	7.21	1.59	0.318	0.196	0.154	0.089B	0.095B	5
6	0.150B	0.103B	0.109B	1.41	4.05	5.87	3.77	0.298	0.185	0.154	0.084B	0.091B	6
7	0.154B	0.100B	0.108B	1.58	3.03	5.79	3.29	0.276	0.175	0.133	0.087B	0.089B	7
8	0.154B	0.096B	0.104B	1.67	2.64	5.39	2.57	0.276	0.168	0.138	0.092B	0.092B	8
9	0.153B	0.100B	0.102B	1.35	2.40	4.65	1.82	0.263	0.169	0.138	0.100B	0.097B	9
10	0.150B	0.101B	0.102B	1.10	2.46	5.70	1.43	0.266	0.169	0.143	0.108B	0.100B	10
11	0.142B	0.097B	0.103B	1.08	2.59	7.87	1.20	0.282	0.159	0.134	0.112B	0.094B	11
12	0.140B	0.092B	0.108B	1.29	2.40	7.72	1.06	0.260	0.148	0.141	0.120B	0.089B	12
13	0.140B	0.089B	0.112B	1.59	2.28	7.92	0.983	0.235	0.145	0.135	0.110B	0.084B	13
14	0.141B	0.086B	0.116B	1.37	2.46	7.13	0.862	0.222	0.145	0.135	0.082B	0.085B	14
15	0.141B	0.088B	0.119B	1.54	2.48	6.30	0.757	0.203	0.148	0.149	0.082B	0.086B	15
16	0.130B	0.084B	0.122B	2.17	2.44	6.14	0.706	0.200	0.151	0.156	0.088B	0.083B	16
17	0.118B	0.078B	0.128B	2.29	2.63	5.50	0.645	0.202	0.157	0.139	0.080B	0.081B	17
18	0.111B	0.080B	0.130B	2.25	2.60	4.94	0.613	0.253	0.148	0.155	0.075B	0.079B	18
19	0.119B	0.081B	0.134B	2.27	2.50	4.40	0.559	0.287	0.138	0.154	0.079B	0.077B	19
20	0.121B	0.084B	0.137B	2.55	2.59	4.23	0.524	0.271	0.131	0.120B	0.085B	0.076B	20
21	0.121B	0.086B	0.137B	2.92	2.48	3.78	0.480	0.271	0.127	0.128B	0.084B	0.077B	21
22	0.121B	0.088B	0.133B	3.06	3.47	3.56	0.459	0.347	0.125	0.118B	0.082B	0.079B	22
23	0.125B	0.086B	0.130B	3.36	4.48	3.83	0.786	0.290	0.119	0.106B	0.092B	0.081B	23
24	0.128B	0.089B	0.127B	3.13	4.97	3.58	1.04	0.270	0.118	0.098B	0.098B	0.085B	24
25	0.130B	0.094B	0.132B	2.57	4.69	2.94	1.20	0.440	0.116	0.099B	0.084B	0.087B	25
26	0.130B	0.092B	0.140B	2.23	4.71	2.58	1.28	0.492	0.115	0.102B	0.077B	0.089B	26
27	0.130B	0.090B	0.150B	2.09	4.29	2.36	0.871	0.355	0.105	0.108B	0.080B	0.085B	27
28	0.127B	0.087B	0.158B	1.97	3.56	2.17	0.632	0.280	0.110	0.105B	0.086B	0.082B	28
29	0.122B		0.168B	1.88	15.9	1.99	0.531	0.252	0.109	0.088B	0.091B	0.079B	29
30	0.117B		0.177B	1.93	9.44	2.40	0.491	0.305	0.114	0.083B	0.089B	0.080B	30
31	0.112B		0.240B		8.78		0.463	0.369		0.087B		0.083B	31
TOTAL	4.139	2.590	3.925	55.800	124.49	172.72	38.582	9.412	4.732	3.899	2.716	2.652	TOTAL
MEAN	0.134	0.093	0.127	1.86	4.02	5.76	1.24	0.304	0.158	0.126	0.091	0.086	MEAN
MAX	0.154	0.107	0.240	3.36	15.9	13.3	3.77	0.492	0.307	0.156	0.120	0.100	MAX
MIN	0.111	0.078	0.092	0.400	2.24	1.99	0.459	0.200	0.105	0.083	0.075	0.076	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 15.9 ON MAY 29
MINIMUM DAILY, 0.075B ON NOV 18
MAXIMUM INSTANTANEOUS,
18.5 AT 10:11 PST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 58 N
LONG 119 19 16 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	358	JUL	3 330
FEB	224	AUG	813
MAR	339	SEP	409
APR	4 820	OCT	337
MAY	10 800	NOV	235
JUN	14 900	DEC	229

TOTAL DISCHARGE, 36 800 dam³

VEDDER RIVER NEAR YARROW - STATION NO. 08MH047

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.260	3.248	3.281	3.402	3.529	3.795	3.762	3.320	3.268	2.982	3.995	3.862	1
2	3.218	3.241	3.280	3.471	3.570	3.770	3.825	3.292	3.200	2.991	3.336	3.776	2
3	3.220	3.291	3.278	3.484	3.600	3.896	3.803	3.270	3.168	3.270	3.360	3.923	3
4	3.304	3.259	3.275	3.500	3.714	3.998	3.745	3.268	3.152	4.750	3.492	4.106	4
5	3.378	3.255	3.271	3.502	3.955	3.850	3.700	3.265	3.135	3.765	3.405	3.917	5
6	3.385	3.250	3.284	3.535	3.872	3.990	3.705	3.258	3.120	3.440	3.348	3.855	6
7	3.598	3.241	3.280	3.567	3.740	3.927	3.815	3.248	3.105	3.354	3.360	3.842	7
8	3.466	3.237	3.328	3.585	3.658	3.860	3.766	3.239	3.098	3.292	3.330	3.977	8
9	3.700	3.275	3.307	3.537	3.610	3.816	3.765	3.228	3.090	3.310	4.496	4.075	9
10	3.566	3.805E	3.360	3.540	3.606	3.968	3.770	3.215	3.074	3.344	5.288	3.980	10
11	3.482	3.910	3.322	3.565	3.615	3.940	3.830	3.208	3.061	3.280	4.583	3.890	11
12	3.466	3.590	3.305	3.644	3.620	3.920	3.805	3.207	3.055	3.311	4.200E	3.807	12
13	3.441	3.496	3.280	3.610	3.613	3.909	3.772	3.201	3.046	3.295	4.700E	3.732	13
14	3.427	3.452	3.267	3.614	3.588	3.900	3.707	3.185	3.040	3.254	4.520E	3.690	14
15	3.400	3.385	3.264	3.670	3.570	3.905	3.665	3.184	3.045	3.255	4.357	3.655	15
16	3.385	3.348	3.252	3.805	3.580	3.907	3.614	3.169	3.110	3.270	4.090E	3.620	16
17	3.344	3.310	3.303	3.912	3.585	3.860	3.555	3.166	3.104	3.232	3.862E	3.730	17
18	3.325	3.295	3.345	3.838	3.588	3.902	3.515	3.242	3.066	3.217	3.630E	3.618	18
19	3.304	3.288	3.386	3.875	3.557	3.892	3.496	3.180	3.052	3.203	3.602E	3.584	19
20	3.288	3.290	3.407	3.869	3.572	3.865	3.490	3.172	3.040	3.190	3.582E	3.500	20
21	3.276	3.278	3.415	3.850	3.575	3.845	3.473	3.160	3.031	3.195	3.558E	3.480	21
22	3.322	3.272	3.398	3.845	3.635	4.105	3.450	3.153	3.023	3.220	3.704E	3.465	22
23	3.303	3.290	3.372	3.837	3.619	4.060	3.437	3.150	3.020	3.226	4.220E	3.452	23
24	3.284	3.294	3.340	3.792	3.602	3.988	3.400	3.140	3.015	3.205	4.838E	3.440	24
25	3.316	3.315	3.325	3.755	3.630	3.922	3.382	3.155	3.011	4.230	4.580E	3.430	25
26	3.290	3.298	3.322	3.686	3.665	3.875	3.370	3.125	3.007	3.900	4.360	3.415	26
27	3.295	3.284	3.316	3.645	3.688	3.840	3.350	3.120	3.005	3.465	4.126	3.405	27
28	3.310	3.281	3.307	3.590	3.739	3.833	3.342	3.095	2.998	3.627	4.031	3.400	28
29	3.303		3.325	3.554	3.795	3.835	3.335	3.068	2.990	3.455	3.926	3.330	29
30	3.282		3.339	3.520	3.750	3.830	3.340	3.260	2.985	3.533	3.893	3.300	30
31	3.260		3.361		3.775		3.337	3.289		3.498		3.350	31
MEAN	3.361	3.349	3.319	3.653	3.652	3.900	3.591	3.201	3.070	3.405	3.992	3.665	MEAN
MAX	3.700	3.910	3.415	3.912	3.955	4.105	3.830	3.320	3.268	4.750	5.288	4.106	MAX
MIN	3.218	3.237	3.252	3.402	3.529	3.770	3.335	3.068	2.985	2.982	3.330	3.300	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 3.513
MAXIMUM DAILY, 5.288 ON NOV 10
MINIMUM DAILY, 2.982 ON OCT 01

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 30 N
LONG 122 02 10 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 5.788 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

VERNON CREEK AT OUTLET OF KALAMALKA LAKE - STATION NO. 08NM065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.089	0.166	0.145	0.138	1.22	3.93	6.95	3.53	0.135	0.128	0.136	0.125	1
2	0.096	0.197	0.146	0.134	1.29	3.96	6.89	3.37	0.134	0.138	0.135	0.126	2
3	0.095	0.219	0.145	0.113	1.35	4.06	6.86	3.25	0.133	0.130	0.138	0.129	3
4	0.108	0.219	0.145	0.139	1.31	4.21	7.37	3.11	0.130	0.119	0.135	0.122	4
5	0.119	0.193	0.145	0.151	1.04	4.32	7.35	2.93	0.123	0.131	0.136	0.144	5
6	0.058	0.191	0.144	0.152	1.32	4.58	7.18	2.88	0.120	0.140	0.135	0.140	6
7	0.058	0.230	0.148	0.153	1.28	4.52	6.83	2.76	0.122	0.139	0.135	0.130	7
8	0.055	0.231	0.144	0.143	1.32	4.81	6.58	2.74	0.121	0.136	0.124	0.116	8
9	0.116	0.226	0.148	0.153	1.32	4.87	6.17	2.71	0.120	0.137	0.136	0.119	9
10	0.111	0.218	0.145	0.158	1.32	4.96	6.18	2.68	0.120	0.137	0.138	0.143	10
11	0.148	0.187	0.143	0.158	1.34	5.13	6.02	2.60	0.133	0.133	0.126	0.143	11
12	0.147	0.196	0.144	0.157	1.30	5.19	6.14	2.54	0.109	0.122	0.124	0.140	12
13	0.148	0.361	0.136	0.157	1.28	5.38	6.30	2.51	0.126	0.128	0.111	0.140	13
14	0.148	0.378	0.150	0.157	1.29	5.46	6.09	2.45	0.145	0.135	0.113	0.139	14
15	0.148	0.151	0.157	0.156	1.27	5.76	6.09	1.59	0.145	0.134	0.130	0.137	15
16	0.148	0.151	0.153	0.157	1.27	6.11	5.78	0.567	0.140	0.135	0.137	0.140	16
17	0.147	0.150	0.149	0.146	1.27	6.07	6.05	0.251	0.131	0.137	0.133	0.140	17
18	0.147	0.151	0.148	0.135	1.27	6.16	5.76	0.185	0.129	0.122	0.123	0.140	18
19	0.147	0.152	0.147	0.132	1.28	6.37	5.77	0.143	0.134	0.125	0.155	0.145A	19
20	0.146	0.150	0.146	0.131	1.27	6.42	5.44	0.143	0.133	0.126	0.147	0.145A	20
21	0.147	0.148	0.149	0.132	1.31	6.35	5.10	0.141	0.130	0.125	0.136	0.145A	21
22	0.145	0.148	0.148	0.149	1.30	6.57	5.00	0.128	0.130	0.130	0.125	0.145A	22
23	0.109	0.148	0.149	0.351	1.87	7.17	5.06	0.113	0.126	0.135	0.107	0.145A	23
24	0.111	0.150	0.148	0.886	2.36	7.26	5.03	0.113	0.121	0.136	0.106	0.145A	24
25	0.125	0.149	0.148	1.01	2.41	7.01	4.89	0.129	0.136	0.130	0.137	0.145A	25
26	0.116	0.148	0.148	1.12	2.94	7.17	4.71	0.135	0.129	0.125	0.129	0.145A	26
27	0.132	0.148	0.148	1.20	3.35	7.10	4.41	0.134	0.129	0.121	0.128	0.137A	27
28	0.141	0.146	0.149	1.23	3.63	7.34	4.07	0.132	0.130	0.120	0.127	0.137A	28
29	0.140		0.151	1.22	3.92	7.39	3.79	0.136	0.129	0.130	0.116	0.137A	29
30	0.137		0.151	1.23	3.99	7.34	3.73	0.136	0.126	0.136	0.117	0.137A	30
31	0.152		0.149		3.96		3.61	0.134		0.137		0.143B	31
TOTAL	3.854	5.302	4.566	11.448	56.65	172.97	177.20	44.370	3.867	4.067	3.875	4.264	TOTAL
MEAN	0.124	0.189	0.147	0.382	1.83	5.77	5.72	1.43	0.129	0.131	0.129	0.138	MEAN
MAX	0.152	0.378	0.157	1.23	3.99	7.39	7.37	3.53	0.145	0.140	0.155	0.145	MAX
MIN	0.055	0.146	0.136	0.113	1.04	3.93	3.61	0.113	0.109	0.119	0.106	0.116	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 7.39 ON JUN 29
MINIMUM DAILY, 0.055 ON JAN 08
MAXIMUM INSTANTANEOUS,
8.45 AT 08:13 PST ON JUL 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 18 N
LONG 119 15 55 W
DRAINAGE AREA, 572 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	333	JUL 15	300
FEB	458	AUG 3	830
MAR	395	SEP	334
APR	989	OCT	351
MAY 4	890	NOV	335
JUN 14	900	DEC	368

TOTAL DISCHARGE, 42 500 dam³

VERNON CREEK AT OUTLET OF SWALWELL LAKE - STATION NO. 08NM022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.177	0.170	0.172	0.167	0.140	3.80	0.667	0.746	0.298	0.281	0.069	0.278	1
2	0.177	0.173	0.174	0.169	0.140	4.08	0.614	0.737	0.294	0.282	0.074	0.272	2
3	0.177	0.179	0.170	0.171	0.152	3.88	0.596	0.720	0.311	0.252	0.072	0.162	3
4	0.177	0.182	0.175	0.169	0.192	4.52	0.542	0.732	0.315	0.258	0.078	0.083A	4
5	0.177	0.170	0.175	0.171	0.231	4.47	0.516	0.736	0.325	0.222	0.058	0.150E	5
6	0.177	0.168	0.174	0.172	0.247	3.98	0.922	0.742	0.355	0.223	0.040	0.240E	6
7	0.177	0.172	0.172	0.170	0.225	3.99	1.31	0.750	0.337	0.224	0.040	0.240E	7
8	0.177	0.169	0.173	0.171	0.224	3.62	1.39	0.745	0.351	0.239	0.039	0.240E	8
9	0.173	0.174	0.172	0.169	0.242	3.19	1.36	0.748	0.357	0.211	0.040	0.240E	9
10	0.172	0.169	0.172	0.173	0.249	3.06	1.26	0.706	0.361	0.193	0.039	0.240E	10
11	0.169	0.175	0.174	0.174	0.254	3.36	1.17	0.673	0.360	0.194	0.040	0.240E	11
12	0.165	0.175	0.172	0.173	0.257	3.98	1.05	0.672	0.357	0.195	0.040	0.240E	12
13	0.163	0.173	0.170	0.172	0.259	4.94	0.926	0.659	0.345	0.195	0.042	0.240E	13
14	0.162	0.177	0.167	0.174	0.239	5.10	0.803	0.653	0.297	0.189	0.038	0.240E	14
15	0.167	0.175	0.172	0.175	0.232	4.59	0.741	0.681	0.276	0.194	0.041	0.240E	15
16	0.165	0.178	0.177	0.175	0.230	4.09	0.704	0.685	0.286	0.194	0.079	0.240E	16
17	0.158	0.176	0.173	0.175	0.231	3.50	0.682	0.691	0.292	0.190	0.103	0.240E	17
18	0.165	0.177	0.169	0.176	0.236	2.91	0.685	0.690	0.289	0.188	0.105	0.240E	18
19	0.168	0.170	0.169	0.179	0.237	2.40	0.685	0.691	0.262	0.189	0.101	0.240E	19
20	0.162	0.171	0.169	0.182	0.233	1.89	0.740	0.681	0.255	0.192	0.159	0.240E	20
21	0.169	0.171	0.168	0.181	0.239	1.54	0.765	0.682	0.250	0.188	0.190	0.240E	21
22	0.175	0.173	0.168	0.184	0.225	1.27	0.760	0.625	0.248	0.161	0.387	0.240E	22
23	0.171	0.171	0.167	0.183	0.216	1.16	0.769	0.586	0.258	0.144	0.390	0.240E	23
24	0.171	0.174	0.168	0.151	0.215	1.12	0.760	0.550	0.271	0.100	0.277	0.240E	24
25	0.174	0.176	0.167	0.136	0.212	1.02	0.756	0.462	0.279	0.077	0.268	0.240E	25
26	0.171	0.172	0.166	0.137	0.217	0.932	0.755	0.383	0.283	0.078	0.266	0.240E	26
27	0.163	0.172	0.167	0.138	0.224	0.872	0.737	0.386	0.279	0.079	0.275	0.240E	27
28	0.169	0.176	0.166	0.137	0.373	0.813	0.733	0.386	0.280	0.077	0.282	0.240E	28
29	0.176		0.162	0.142	1.58	0.743	0.738	0.376	0.282	0.073	0.284	0.240E	29
30	0.174		0.165	0.140	2.36	0.705	0.748	0.360	0.287	0.076	0.279	0.240E	30
31	0.168		0.163		2.93		0.754	0.304		0.068		0.240E	31
TOTAL	5.287	4.858	5.268	4.986	13.441	85.525	25.638	19.238	9.040	5.396	4.195	7.195	TOTAL
MEAN	0.171	0.174	0.170	0.166	0.434	2.85	0.827	0.621	0.301	0.174	0.140	0.232	MEAN
MAX	0.177	0.182	0.177	0.184	2.93	5.10	1.39	0.750	0.361	0.282	0.390	0.278	MAX
MIN	0.158	0.168	0.162	0.136	0.140	0.705	0.516	0.304	0.248	0.068	0.038	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.521
MAXIMUM DAILY, 5.10 ON JUN 14
MINIMUM DAILY, 0.038 ON NOV 14
MAXIMUM INSTANTANEOUS,
5.33 AT 15:19 PST ON JUN 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W
DRAINAGE AREA, 62.4 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	457	JUL	2 220
FEB	420	AUG	1 660
MAR	455	SEP	781
APR	431	OCT	466
MAY	1 160	NOV	362
JUN	7 390	DEC	621

TOTAL DISCHARGE, 16 400 dam³

VERNON CREEK NEAR THE MOUTH - STATION NO. 08NM160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.645E	0.608A	0.384A	0.665E	---	---	---	---	---	---	0.321A	0.418	1
2	0.480E	0.608A	0.375A	0.678A	---	---	---	---	---	---	0.295E	0.432	2
3	0.540E	0.608A	0.375A	0.678A	---	---	---	---	---	---	0.310E	0.438	3
4	0.538E	0.630A	0.360E	0.763A	---	---	---	---	---	---	0.330E	0.535	4
5	0.536E	0.630A	0.375E	0.776A	---	---	---	---	---	---	0.318A	0.442	5
6	0.530E	0.608A	0.405E	0.783A	---	---	---	---	---	---	0.323	0.437	6
7	0.520E	0.630A	0.420E	0.763A	---	---	---	---	---	---	0.397	0.407	7
8	0.535E	0.630A	0.470E	0.738A	---	---	---	---	---	---	0.341	0.468	8
9	0.538E	0.630A	0.440E	0.756A	---	---	---	---	---	---	0.781	0.672	9
10	0.542A	0.608A	0.430E	0.763A	---	---	---	---	---	---	0.836	0.570	10
11	0.575A	0.597A	0.420E	0.763A	---	---	---	---	---	---	0.426	0.596	11
12	0.586A	0.608A	0.420E	0.770A	---	---	---	---	---	---	0.396	0.498	12
13	0.586A	0.750A	0.418E	0.815A	---	---	---	---	---	---	0.437	0.492	13
14	0.597A	0.630A	0.416E	0.815A	---	---	---	---	---	---	0.364	0.738	14
15	0.597A	0.520A	0.414E	0.828A	---	---	---	---	---	---	0.385	1.00	15
16	0.597A	0.420A	0.420E	0.815A	---	---	---	---	---	---	0.394	0.950	16
17	0.597A	0.420A	0.445E	0.802A	---	---	---	---	---	---	0.396	0.934	17
18	0.597A	0.411E	0.485E	0.802A	---	---	---	---	---	---	0.382	0.920	18
19	0.597A	0.402E	0.530E	0.802A	---	---	---	---	---	---	0.419	0.867	19
20	0.597A	0.393E	0.600E	0.815A	---	---	---	---	---	---	0.472	0.800	20
21	0.597A	0.384A	0.680E	0.802A	---	---	---	---	---	---	0.420	0.796	21
22	0.608A	0.384A	0.620E	0.932A	---	---	---	---	---	---	0.436	0.819	22
23	0.608A	0.393A	0.590E	0.880A	---	---	---	---	---	---	0.409	0.799	23
24	0.597A	0.393A	0.575E	1.83 A	---	---	---	---	---	---	0.405	0.775	24
25	0.608A	0.402A	0.565E	1.81 A	---	---	---	---	---	---	0.530	0.698	25
26	0.608A	0.411A	0.560E	1.75 A	---	---	---	---	---	---	0.434	0.689	26
27	0.597A	0.402A	0.570E	1.75 A	---	---	---	---	---	---	0.444	0.652	27
28	0.597A	0.402A	0.590E	1.83 A	---	---	---	---	---	---	0.420	0.565	28
29	0.597A		0.610E	1.83 A	---	---	---	---	---	---	0.460	0.563	29
30	0.597A		0.635E	1.89 A	---	---	---	---	---	---	0.438	0.541	30
31	0.597A		0.648E		---		---	---		---		0.551	31
TOTAL	17.941	14.512	15.245	30.694	---	---	---	---	---	---	12.719	20.026	TOTAL
MEAN	0.579	0.518	0.492	1.02	---	---	---	---	---	---	0.424	0.646	MEAN
MAX	0.645	0.750	0.680	1.89	---	---	---	---	---	---	0.836	1.00	MAX
MIN	0.480	0.384	0.360	0.665	---	---	---	---	---	---	0.295	0.407	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 19 N
LONG 119 18 20 W
DRAINAGE AREA, 751 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 550	JUL	---
FEB	1 250	AUG	---
MAR	1 320	SEP	---
APR	2 650	OCT	---
MAY	---	NOV	1 100
JUN	---	DEC	1 730

WANN RIVER NEAR ATLIN - STATION NO. 09AA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.75B	1.27B	1.07 B	0.941B	1.01	23.6	20.7	23.9	14.4	18.7 E	2.45B	1.45B	1
2	1.73B	1.26B	1.07 B	0.936B	1.03	23.7	23.6	22.5	12.7	16.0 E	2.34B	1.43B	2
3	1.71B	1.25B	1.07 B	0.932B	1.06	31.4	25.4	20.6	11.1	11.6 E	2.24B	1.44B	3
4	1.69B	1.24B	1.06 B	0.927B	1.09	31.8	25.9	19.6	10.3	9.10A	2.13B	1.45B	4
5	1.67B	1.23B	1.06 B	0.923B	1.13	31.9	26.0	20.0	10.3	8.45	2.02B	1.43B	5
6	1.65B	1.22B	1.06 B	0.919B	1.20	31.3	25.8	19.8	10.4	7.70	1.96B	1.42B	6
7	1.63B	1.21B	1.05 B	0.915B	1.31	30.4	26.0	19.6	10.8	7.14	1.90B	1.42B	7
8	1.61B	1.20B	1.05 B	0.912B	1.42	29.6	25.9	18.7	10.8	6.85	1.83B	1.41B	8
9	1.59B	1.19B	1.04 B	0.908B	1.51	28.4	25.2	18.4	10.4	6.63	1.77B	1.41B	9
10	1.57B	1.18B	1.04 B	0.904B	1.67	27.0	24.1	19.3	10.0	6.35	1.71B	1.40B	10
11	1.56B	1.18B	1.03 B	0.902B	1.84	25.2	23.0	21.8	9.88	6.14	1.68B	1.39B	11
12	1.55B	1.17B	1.03 B	0.900B	2.04	23.8	21.5	24.4	9.76	5.93	1.64B	1.39B	12
13	1.53B	1.16B	1.02 B	0.902B	2.35	22.9	19.9	26.6	9.57	5.61	1.62B	1.38B	13
14	1.52B	1.15B	1.01 B	0.906B	2.77	23.4	18.6	28.1	9.69	5.20	1.61B	1.38B	14
15	1.51B	1.14B	1.00 B	0.909B	3.26	24.1	17.5	28.1	10.7	4.80	1.59B	1.37B	15
16	1.49B	1.13B	1.00 B	0.913B	3.95	23.8	16.4	27.1	11.5	4.51	1.58B	1.36B	16
17	1.47B	1.12B	0.998B	0.916B	4.96	22.7	15.8	26.4	11.3	4.21	1.58B	1.35B	17
18	1.46B	1.11B	0.994B	0.918B	6.23	21.1	16.3	25.7	10.7	4.01	1.57B	1.34B	18
19	1.44B	1.11B	0.989B	0.920B	7.34	19.7	17.4	25.1	9.74	3.77	1.56B	1.33B	19
20	1.42B	1.10B	0.985B	0.924B	8.40	18.9	18.7	26.0	8.94	3.58	1.55B	1.32B	20
21	1.40B	1.10B	0.981B	0.930B	9.40	18.2	20.4	25.5	9.54E	3.45	1.54B	1.31B	21
22	1.38B	1.09B	0.976B	0.936B	10.3	17.8	22.0	23.3	12.0 E	3.33	1.52B	1.30B	22
23	1.36B	1.08B	0.972B	0.943B	10.8	17.8	23.2	21.1	19.5 E	3.28	1.51B	1.30B	23
24	1.35B	1.08B	0.967B	0.949B	11.0	17.7	23.7	19.2	25.7 E	3.23	1.49B	1.29B	24
25	1.34B	1.08B	0.963B	0.955B	10.9	17.1	24.3	17.3	23.9 E	3.14	1.48B	1.28B	25
26	1.33B	1.08B	0.960B	0.962E	10.9	16.4	24.0	16.1	21.9 E	2.99B	1.48B	1.28B	26
27	1.32B	1.07B	0.957B	0.969E	11.1	16.1	22.6	15.5	20.3 E	2.96B	1.49B	1.27B	27
28	1.31B	1.08B	0.954B	0.975E	12.2	16.0	20.8	16.1	19.0 E	2.95B	1.49B	1.27B	28
29	1.30B		0.951B	0.983E	14.0	16.6	20.4	17.3	18.2 E	2.76B	1.49B	1.26B	29
30	1.29B		0.948B	0.990A	15.6	18.3	21.8	17.3	18.3 E	2.67B	1.47B	1.26B	30
31	1.28B		0.945B		17.7		23.9	16.0		2.56B		1.25B	31
TOTAL	46.21	32.28	31.200	27.919	189.47	692.7	680.8	666.3	401.32	179.50	51.29	41.94	TOTA
MEAN	1.49	1.15	1.01	0.931	6.11	23.1	22.0	21.5	13.4	5.79	1.71	1.35	MEAN
MAX	1.75	1.27	1.07	0.990	17.7	31.9	26.0	28.1	25.7	18.7	2.45	1.45	MAX
MIN	1.28	1.07	0.945	0.900	1.01	16.0	15.8	15.5	8.94	2.56	1.47	1.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.33
MAXIMUM DAILY, 31.9 ON JUN 05
MINIMUM DAILY, 0.900B ON APR 12
MAXIMUM INSTANTANEOUS,
32.5 AT 04:53 PST ON JUN 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 25 55 N
LONG 134 12 20 W
DRAINAGE AREA, 269 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 990	JUL	58 800
FEB	2 790	AUG	57 600
MAR	2 700	SEP	34 700
APR	2 410	OCT	15 500
MAY	16 400	NOV	4 430
JUN	59 800	DEC	3 620

TOTAL DISCHARGE, 263 000 dam³

WANNOCK RIVER AT OUTLET OF OWIKENO LAKE - STATION NO. 08FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	314	112	84.7	137	201	484	559	559	304	264	338	213	1
2	281	109	86.9	157	243	493	531	531	293	323	291	194	2
3	251	113	88.3	166	274	508	500	509	275	330	259	218	3
4	231	112	90.5	164	321	518	469	509	261	569	257	380	4
5	234	112	94.5	163	389	486	448	514	256	559	244	386	5
6	266	108	104	163	442	445	449	551	265	452	228	351	6
7	286	104	107	168	425	415	449	535	277	367	229	324	7
8	295	97.8	107	176	382	398	457	496	291	319	225	341	8
9	273	96.5	103	171	356A	390	464	482	296	427	210	332	9
10	255	99.3	102	164	294E	400	470	503	299	481	194	291	10
11	228	106	96.4	165	305E	431	497	554	297	406	251	258	11
12	205	105	91.2	178	320E	422	545	601	291	390	936	228	12
13	198	99.6	87.6	191	318E	407	561	623	278	384	1 240	201	13
14	191	92.7	83.7	204	310E	409	544	611	268	342	988	183	14
15	183	89.1	81.9	220	300E	436	527	562	270	291	760	168	15
16	177	85.7	81.8	237	317E	457	521	524	270	251	653	154	16
17	162	76.8	87.5	277	330E	458	490	493	267	221	561	150	17
18	148	71.8	107	311	345E	451	449	466	260	219	456	148	18
19	135	69.3	126	318	355E	473	430	453	256	217	379	133	19
20	126	69.0	138	322	350E	520	429	459	243	203	319	119	20
21	133	68.2	149	320	335E	534	443	471	243	215	279	109	21
22	151	67.3	152	325	325E	578	474	469	248	225	262	101	22
23	153	68.0	145	317	316A	628	517	437	265	245	296	93.4	23
24	150	71.6	137	302	312	611	532	389	282	375	392	89.8	24
25	166	80.4	128	280	315	584	525	348	293	517	342	85.1	25
26	172	83.3	121	259	325	570	537	318	288	588	298	83.9	26
27	166	84.9	115	245	348	543	533	294	265	611	265	86.3	27
28	159	84.7	114	229	384	526	513	282	252	620	241	79.7	28
29	149		116	209	427	552	509	278	260	538	251	74.7	29
30	135		122	192	447	534	531	292	243	461	237	73.3	30
31	126		129		464		563	303		400		73.3	31
TOTAL	6 099	2 537.0	3 377.0	6 730	10 575	14 631	15 466	14 416	8 156	11 807	11 863	5 721.5	TOTA
MEAN	197	90.6	109	224	341	488	499	465	272	381	395	185	MEAN
MAX	314	113	152	325	464	628	563	623	304	620	1 240	386	MAX
MIN	126	67.3	81.8	137	201	390	429	278	243	203	194	73.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 305
MAXIMUM DAILY, 1 240 ON NOV 13
MINIMUM DAILY, 67.3 ON FEB 22
MAXIMUM INSTANTANEOUS,
1 310 AT 02:22 PST ON NOV 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 45 N
LONG 127 10 45 W
DRAINAGE AREA, 3 940 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	527 000	JUL	1 340 000
FEB	219 000	AUG	1 250 000
MAR	292 000	SEP	705 000
APR	581 000	OCT	1 020 000
MAY	914 000	NOV	1 020 000
JUN	1 260 000	DEC	494 000

TOTAL DISCHARGE, 9 620 000 dam³

WEST CREEK NEAR FORT LANGLEY - STATION NO. 08MH098

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.260E	0.410E	0.260E	0.074	0.115	0.092	0.031	0.018	0.034	0.036	0.289	1.28	1
2	0.210E	0.900E	0.245E	0.070	0.109	0.078	0.037	0.020	0.029	0.025	0.173	1.10	2
3	0.350E	1.87 E	0.230E	0.069	0.093	1.12	0.037	0.019	0.028	0.056	0.237	3.25	3
4	1.45 E	1.08 E	0.227E	0.066	0.076	1.94	0.032	0.022	0.023	0.432	0.513	4.36	4
5	1.20 E	0.660E	0.220E	0.064A	0.105	0.633	0.030	0.021	0.023	0.464	0.534	1.57	5
6	1.14 E	0.620E	0.600E	0.063E	0.062	0.496	0.032	0.021	0.023	0.171	0.311	0.806	6
7	2.04 E	0.580E	1.15 E	0.062E	0.048	0.831	0.041	0.020	0.024	0.127	0.962	0.501	7
8	0.842E	0.540E	1.79 A	0.060E	0.048	0.496	0.035	0.021	0.024	0.089	0.738	2.55	8
9	1.29 E	1.90 E	1.49	0.059E	0.043	0.447	0.031	0.024	0.025	0.068	6.32	4.29	9
10	1.14 A	4.90 E	2.05	0.059E	0.043	0.906	0.029	0.022	0.022	0.077	8.62	1.74	10
11	0.572	2.00 E	0.695	0.058E	0.047	0.635	0.029	0.020	0.020	0.094	3.88	0.785	11
12	0.423	1.05 E	0.402	0.057E	0.052	0.384	0.028	0.018	0.023	0.294	1.31	0.499	12
13	0.531	0.600B	0.315	0.058E	0.054	0.273	0.027	0.020	0.023	0.164	2.66	0.410	13
14	0.516	0.420B	0.624	0.058E	0.053	0.162	0.027	0.023	0.023	0.094	1.05	0.400	14
15	0.379	0.380B	0.528	0.059E	0.046	0.124	0.026	0.021	0.026	0.085	0.734	0.658	15
16	0.334	0.345B	0.342	0.059E	0.042	0.077	0.023	0.023	0.050	0.066	0.485	0.654	16
17	0.262	0.310B	0.292	0.058E	0.040	0.073	0.022	0.022	0.040	0.063	1.03	2.96	17
18	0.202	0.290B	0.413	0.060E	0.059	0.061	0.021	0.027	0.028	0.109	0.600	1.83	18
19	0.165	0.271B	0.284	0.061A	0.062	0.052	0.021	0.023	0.024	0.096	0.635	0.662A	19
20	0.144	0.670B	0.258	0.118	0.063	0.051	0.020	0.023	0.022	0.071	0.938	0.355B	20
21	0.277	1.17 E	0.233	0.150	0.057	0.048	0.020	0.022	0.027	0.394	0.981	0.230B	21
22	2.66	0.860E	0.178	0.086	0.048	0.042	0.019	0.020	0.024	0.381	1.67	0.180B	22
23	1.48	0.660E	0.146	0.256	0.043	0.040	0.019	0.023	0.021	0.241	2.95	0.155B	23
24	1.95	0.580E	0.124	0.335	0.039	0.037	0.020	0.025	0.022	0.136	3.95	0.130B	24
25	2.44 A	0.500E	0.141	0.614	0.037	0.036	0.021	0.034	0.060	0.108	2.01	0.120B	25
26	0.820E	0.400E	0.089	0.492	0.037	0.035	0.019	0.042	0.050	0.221	0.872	0.118B	26
27	0.760E	0.330E	0.072	0.340	0.038	0.035	0.021	0.057	0.105	0.194	0.566	0.118B	27
28	1.18 E	0.290E	0.075	0.423	0.044	0.033	0.020	0.041	0.119	0.177	0.363	0.132B	28
29	0.900E		0.070	0.240	0.040	0.033	0.020	0.056	0.037	0.310	0.965	0.117B	29
30	0.800E		0.068	0.150	0.037	0.032	0.020	0.054	0.104	1.10	0.726	0.115B	30
31	0.580E		0.071		0.070		0.018	0.077		0.522		0.113B	31
TOTAL	27.297	24.586	13.682	4.378	1.750	9.302	0.796	0.889	1.103	6.465	47.072	32.208	TOTAL
MEAN	0.881	0.878	0.441	0.146	0.057	0.310	0.026	0.029	0.037	0.209	1.57	1.04	MEAN
MAX	2.66	4.90	2.05	0.614	0.115	1.94	0.041	0.077	0.119	1.10	8.62	4.36	MAX
MIN	0.144	0.271	0.068	0.057	0.037	0.032	0.018	0.018	0.020	0.025	0.173	0.113	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.464
MAXIMUM DAILY, 8.62 ON NOV 10
MINIMUM DAILY, 0.018 ON JUL 31
MAXIMUM INSTANTANEOUS,
10.0 AT 07:43 PST ON NOV 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 122 31 48 W
DRAINAGE AREA, 11.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 360	JUL	68.8
FEB	2 120	AUG	76.8
MAR	1 180	SEP	95.3
APR	378	OCT	559
MAY	151	NOV	4 070
JUN	804	DEC	2 780

TOTAL DISCHARGE, 14 600 dam³

WEST KETTLE RIVER AT WESTBRIDGE - STATION NO. 08NN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	14.2	31.3	117	34.4	5.36	3.78E	---	---	---	1
2	---	---	---	19.7	31.7	161	32.0	4.82	3.26	---	---	---	2
3	---	---	---	24.2	32.0	128	33.2	4.35	2.90	---	---	---	3
4	---	---	---	27.1	38.2	159	26.8	4.05	2.66	---	---	---	4
5	---	---	---	27.3	46.3	113	24.1	3.75	2.54	---	---	---	5
6	---	---	---	30.8	61.0	101	52.7	3.46	2.26	---	---	---	6
7	---	---	---	33.8	69.0	98.6	32.7	3.14	2.10	---	---	---	7
8	---	---	---	37.2	35.8	85.8	26.1	3.06	1.98	---	---	---	8
9	---	---	---	33.9	32.9	71.7	24.1	2.94	1.86	---	---	---	9
10	---	---	---	30.8	29.1	95.1	21.9	2.78	1.74	---	---	---	10
11	---	---	---	25.7	33.1	110	19.1	2.62	1.62	---	---	---	11
12	---	---	---	28.1	33.8	105	17.0	2.58	1.62	---	---	---	12
13	---	---	---	27.5	31.1	111	17.0	2.58	1.56	---	---	---	13
14	---	---	---	27.6	30.8	109	14.4	2.38	1.50	---	---	---	14
15	---	---	---	31.6	30.5	96.2	12.4	2.14	1.44	---	---	---	15
16	---	---	---	32.3	29.5	87.1	11.0	2.07	1.50	---	---	---	16
17	---	---	---	36.9	33.0	78.0	9.83	2.01	1.62	---	---	---	17
18	---	---	---	37.7	35.5	72.6	8.94	2.18	1.97	---	---	---	18
19	---	---	---	38.7	33.5	63.8	8.28	2.42	1.95	---	---	---	19
20	---	---	---	39.8	35.0	61.7	7.63	2.66	1.71	---	---	---	20
21	---	---	---	44.0	36.3	57.2	7.41	2.66	1.62	---	---	---	21
22	---	---	---	49.8	37.2	54.9	7.12	2.66	1.50	---	---	---	22
23	---	---	---	52.8	58.3	53.8	6.91	2.78	1.41	---	---	---	23
24	---	---	---	55.5	66.3	52.5	7.12	2.54	1.41	---	---	---	24
25	---	---	---	46.3	69.4	50.6	8.94	2.70	1.35	---	---	---	25
26	---	---	---	39.8	74.4	41.4	9.34	2.86	1.35	---	---	---	26
27	---	---	---	35.6	68.2	38.2	9.83	2.98	1.32	---	---	---	27
28	---	---	---	34.1	117	39.0	8.20	2.66	1.30	---	---	---	28
29	---	---	---	32.6	119	38.4	6.40	2.46	1.27	---	---	---	29
30	---		---	31.7	116	36.4E	5.78	2.54	1.27	---	---	---	30
31	---		---		103		5.66	4.40		---	---	---	31
TOTAL	---	---	---	1 026.9	1 600.2	2 489.0	516.29	92.55	55.37	---	---	---	TOTAL
MEAN	---	---	---	34.2	51.6	83.0	16.7	2.99	1.85	---	---	---	MEAN
MAX	---	---	---	55.5	119	161	52.7	5.36	3.78	---	---	---	MAX
MIN	---	---	---	14.2	29.1	36.4	5.66	2.01	1.27	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 161 ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 12 N
LONG 118 58 28 W
DRAINAGE AREA, 1 870 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44 600
FEB	---	AUG	8 000
MAR	---	SEP	4 780
APR	88 700	OCT	---
MAY	130 000	NOV	---
JUN	215 000	DEC	---

WEST KETTLE RIVER BELOW CARMI CREEK - STATION NO. 08NN022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	1.22 B	1.15B	9.57	21.2	77.3	27.2	3.41	3.03	0.595	1.50	2.12 B	1
2	1.12 B	1.30 B	1.21B	15.3	21.8	95.0	24.9	3.01	2.32	0.603	0.913	1.94 B	2
3	1.36 B	1.37 B	1.30B	21.2	23.4	82.9	25.3	2.79	1.92	0.646	1.04	2.07 B	3
4	1.52 B	1.29 B	1.27B	22.6	27.7	100	19.9	2.52	1.63	0.784	1.28	2.16 B	4
5	1.68 B	1.20 B	1.40B	23.2	38.0	78.2	18.8	2.35	1.42	2.56	1.32	2.09 B	5
6	1.72 B	1.22 B	1.52B	24.6	46.5	60.6	38.6	2.15	1.27	2.00	0.701	2.00 B	6
7	1.74 B	1.16 B	1.63B	26.4	32.1	75.6	26.4	1.94	1.15	1.40	1.34	1.94 B	7
8	1.67 B	1.21 B	1.60B	27.4	25.6	59.5	20.5	1.79	1.07	1.16	1.77	2.01 B	8
9	1.58 B	1.27 B	1.58B	24.9	22.2	50.7	18.0	1.73	1.00	1.13	1.40	2.05 B	9
10	1.14 B	1.22 B	1.52B	20.7	21.6	72.4	16.1	1.59	0.946	1.12	1.77	2.02 B	10
11	1.24 B	1.21 B	1.44B	19.1	24.9	77.7	14.7	1.69	0.894	1.12	4.94	2.00 B	11
12	1.14 B	0.970B	1.40B	20.8	25.6	77.8	13.4	1.69	0.822	1.04	6.06	1.88 B	12
13	1.50 B	0.800B	1.39B	20.6	24.5	88.4	12.9	1.47	0.794	1.03	5.41	1.76 B	13
14	1.67 B	0.924B	1.42B	21.2	23.2	81.6	10.7	1.32	0.770	1.02	4.83	1.64 B	14
15	1.50 B	0.950B	1.48B	23.6	21.8	70.9	9.25	1.17	0.750	1.02	4.00	1.52 B	15
16	1.17 B	0.980B	1.59B	24.6	21.9	64.6	8.28	1.08	0.782	1.10	3.59	1.38 B	16
17	0.950B	1.02 B	1.68B	28.1	23.9	58.3	7.40	1.07	1.29	1.11	3.17	1.22 B	17
18	0.840B	1.07 B	1.77B	28.7	23.7	51.5	6.73	1.30	1.46	1.06	2.46	1.10 B	18
19	0.820B	1.12 B	1.86B	29.6	25.4	48.0	6.14	1.72	1.11	1.09	2.30	0.920B	19
20	0.930B	1.14 B	1.95B	30.9	24.9	48.5	5.61	1.55	0.981	1.11	2.34	0.800B	20
21	1.03 B	1.17 B	2.16B	35.9	25.6	44.3	5.14	1.45	0.877	1.10	1.82	0.750B	21
22	1.17 B	1.21 B	2.31B	40.4	27.4	43.6	4.73	1.63	0.818	1.14	2.40	0.760B	22
23	1.38 B	1.24 B	2.18B	43.0	47.6	44.0	4.81	1.71	0.768	1.12	2.44	0.800B	23
24	1.51 B	1.21 B	2.10B	43.7	51.6	48.6	5.20	1.47	0.734	1.11	2.65	0.830B	24
25	1.26 B	1.16 B	2.12B	34.1	53.8	39.0	6.29	1.69	0.704	1.09	2.44	0.860B	25
26	1.16 B	1.14 B	2.20B	28.3	55.3	31.5	6.97	2.19	0.667	1.30	1.24	0.890B	26
27	1.28 B	1.15 B	2.32B	24.9	46.1	29.6	6.60	1.82	0.639	1.55	1.10 B	0.880B	27
28	1.37 B	1.15 B	2.50B	23.7	53.9	29.7	4.90	1.48	0.624	1.54	1.04 B	0.750B	28
29	1.31 B		3.00B	22.5	89.7	27.5	4.11	1.30	0.614	1.52	2.40 B	0.700B	29
30	1.21 B		4.60B	20.9	84.3	29.9	3.85	1.23	0.590	1.41	2.30 B	0.800B	30
31	1.18 B		7.01		72.8		3.70	3.69		1.48		0.860B	31
TOTAL	40.650	32.074	62.66	780.07	1 129.6	1 787.2	387.11	58.02	32.444	37.158	71.964	43.500	TOTAL
MEAN	1.31	1.15	2.02	26.0	36.4	59.6	12.5	1.87	1.08	1.20	2.40	1.40	MEAN
MAX	1.74	1.37	7.01	43.7	89.7	100	38.6	3.69	3.03	2.56	6.06	2.16	MAX
MIN	0.820	0.800	1.15	9.57	21.2	27.5	3.70	1.07	0.590	0.595	0.701	0.700	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 100 ON JUN 04
MINIMUM DAILY, 0.590 ON SEP 30
MAXIMUM INSTANTANEOUS,
108 AT 06:14 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 03 N
LONG 119 06 30 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 510	JUL	33 400
FEB	2 770	AUG	5 010
MAR	7 410	SEP	2 800
APR	67 400	OCT	3 210
MAY	97 600	NOV	6 220
JUN	154 000	DEC	3 760

TOTAL DISCHARGE, 385 000 dam³

WEST KETTLE RIVER NEAR MCCULLOCH - STATION NO. 08NN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.590B	0.435B	0.446	1.42	5.50	23.9	14.9	1.27	1.22	0.238	0.660	0.885B	1
2	0.500B	0.465B	0.462	2.24	5.77	32.5	14.6	1.19	0.914	0.224	0.388	0.825B	2
3	0.540B	0.470B	0.471	3.26	6.48	27.9	13.6	1.06	0.744	0.253	0.780	0.865B	3
4	0.585B	0.455B	0.449	3.45	8.76	32.0	9.84	0.947	0.642	0.429	0.752	0.900B	4
5	0.635B	0.425B	0.431	3.56	15.5	22.9	9.86	0.883	0.557	1.76	0.655	0.876B	5
6	0.700B	0.415B	0.415	3.97	19.7	18.0	22.7	0.797	0.509	0.840	0.428	0.820B	6
7	0.700B	0.410B	0.418	4.60	13.2	25.2	12.9	0.744	0.475	0.608	0.825	0.755B	7
8	0.690B	0.430B	0.491	5.01	9.48	19.5	9.67	0.689	0.414	0.585	0.765	0.800B	8
9	0.633B	0.445B	0.514	4.66	7.94	16.9	8.31	0.658	0.404	0.575	0.631	0.830B	9
10	0.510B	0.410B	0.465	3.87	8.27	30.3	7.47	0.649	0.385	0.611	1.14	0.845B	10
11	0.525B	0.380B	0.472	3.73	9.78	26.0	6.82	0.811	0.357	0.521	3.22	0.815B	11
12	0.565B	0.355B	0.433	3.88	10.2	22.2	6.07	0.680	0.339	0.548	3.07	0.755B	12
13	0.615B	0.320B	0.442	3.87	9.81	24.6	5.56	0.583	0.330	0.517	2.79	0.690B	13
14	0.655B	0.330B	0.404	4.57	8.65	21.3	4.55	0.538	0.308	0.481	2.26	0.630B	14
15	0.580B	0.342B	0.395	5.70	8.05	21.8	3.94	0.487	0.286	0.526	1.89	0.565B	15
16	0.460B	0.354B	0.386	6.44	7.92	21.9	3.43	0.451	0.379	0.531	1.59	0.510B	16
17	0.390B	0.380B	0.419	7.55	8.02	21.1	3.02	0.464	0.802	0.460	1.45	0.470B	17
18	0.365B	0.410B	0.469	8.29	8.82	19.8	2.76	0.587	0.569	0.507	1.14	0.435B	18
19	0.380B	0.425B	0.557	8.75	9.96	20.2	2.45	0.625	0.440	0.488	1.01 B	0.395B	19
20	0.400B	0.435B	0.664	10.4	10.2	22.8	2.10	0.537	0.392	0.451	0.910B	0.350B	20
21	0.415B	0.445B	0.667	13.4	10.3	21.3	1.84	0.523	0.363	0.504	0.945B	0.315B	21
22	0.445B	0.460B	0.626	15.2	12.5	22.6	1.77	0.708	0.335	0.465	1.00 B	0.308B	22
23	0.500B	0.470B	0.601	16.4	22.5	23.8	1.79	0.643	0.313	0.517	1.07 B	0.324B	23
24	0.535B	0.485B	0.570B	16.2	22.8	28.3	2.63	0.542	0.285	0.479	1.09 B	0.338B	24
25	0.470B	0.491	0.555B	11.6	22.3	20.6	3.05	0.763	0.273	0.528	0.960B	0.352B	25
26	0.425B	0.468	0.565B	8.77	21.3	17.0	3.36	0.717	0.266	0.873	0.600B	0.360B	26
27	0.465B	0.446	0.580B	7.18	18.2	16.8	2.72	0.557	0.263	0.795	0.534B	0.358B	27
28	0.500B	0.437	0.600B	6.43	15.1	16.7	1.94	0.488	0.257	0.794	0.600B	0.372B	28
29	0.470B		0.638	5.80	13.3	15.2	1.64	0.458	0.253	0.735	0.980B	0.378B	29
30	0.435B		0.740	5.43	12.2	18.3	1.67	1.47	0.245	0.749	0.950B	0.282B	30
31	0.420B		0.953		25.4		1.47	1.71		0.767		0.300B	31
TOTAL	16.068	11.793	16.298	205.63	439.91	673.7	188.43	23.229	13.319	18.367	35.091	17.538	TOTAL
MEAN	0.518	0.421	0.526	6.85	14.2	22.5	6.08	0.749	0.444	0.593	1.17	0.566	MEAN
MAX	0.700	0.491	0.953	16.4	38.3	32.5	22.7	1.71	1.22	1.76	3.22	0.900	MAX
MIN	0.365	0.320	0.386	1.42	5.50	15.2	1.47	0.451	0.245	0.224	0.388	0.273	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.55
MAXIMUM DAILY, 38.3 ON MAY 29
MINIMUM DAILY, 0.224 ON OCT 02
MAXIMUM INSTANTANEOUS,
50.3 AT 19:24 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 15 N
LONG 119 05 31 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 390	JUL	16 300
FEB	1 020	AUG	2 010
MAR	1 410	SEP	1 150
APR	17 800	OCT	1 590
MAY	38 000	NOV	3 030
JUN	58 200	DEC	1 520

TOTAL DISCHARGE, 143 000 dam³

WEST ROAD RIVER NEAR CINEMA - STATION NO. 08KG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8B	10.6 B	10.7B	27.0	104	71.7	61.8	25.0	13.0	9.05	14.8	14.7B	1
2	12.9B	10.8 B	10.7B	31.2	98.9	72.2	60.5	23.9	14.8	9.18	14.3	15.2B	2
3	13.2B	11.1 B	10.8B	33.3	94.8	72.9	64.0	23.2	15.8	9.30	13.4	15.4B	3
4	13.4B	11.2 B	10.7B	32.7	94.2	74.0	73.3	21.8	15.7	10.5	14.0	16.0B	4
5	13.4B	11.2 B	10.6B	39.9	89.7	74.8	76.7	21.3	15.0	10.5	14.6	16.3B	5
6	13.3B	11.1 B	10.6B	45.0	86.2	74.1	83.6	20.7	14.1	10.8	13.2B	16.7B	6
7	13.2B	10.9 B	10.7B	50.1	82.8	74.0	86.2	19.2	13.4	11.5	13.1B	16.9B	7
8	13.0B	10.8 B	10.6B	52.4	79.1	72.7	88.4	18.0	12.7	11.8	12.9B	16.8B	8
9	12.8B	10.8 B	10.5B	52.7	74.5	71.9	101	17.7	11.8	11.6	12.8B	16.6B	9
10	12.7B	10.7 B	10.4B	52.4	72.4	71.8	91.8	17.1	12.0	11.5	12.7B	16.3B	10
11	12.6B	10.7 B	10.3B	51.3	72.2	74.1	85.5	16.1	11.8	11.8	12.1B	16.2B	11
12	12.5B	10.7 B	10.2B	50.4	71.4	87.5	82.8	15.5	11.9	11.6	11.7B	16.1B	12
13	12.5B	10.7 B	10.1B	49.4	72.5	114	78.2	14.9	11.4	11.6	12.3B	16.2B	13
14	12.4B	10.6 B	10.0B	51.4	70.8	145	71.9	14.5	11.1	11.3	13.3B	16.3B	14
15	12.3B	10.4 B	10.1B	51.7	68.1	164	64.7	14.0	11.1	11.3	14.8B	16.4B	15
16	12.1B	10.2 B	10.2B	54.9	65.1	158	59.9	13.7	10.8	11.1	16.2B	16.6B	16
17	12.0B	9.74B	10.3B	59.5	64.0	149	56.0	13.1	10.4	10.7	15.5B	16.5B	17
18	12.2B	9.30B	10.4B	64.3	64.4	138	52.9	13.4	10.0	10.9	15.0B	16.2B	18
19	12.3B	9.00B	10.9B	69.3	65.3	127	50.2	13.3	10.6	11.4	14.9B	15.8B	19
20	12.5B	8.62B	11.4B	74.2	66.1	116	47.7	13.1	10.8	11.2	15.1B	15.3B	20
21	12.7B	8.51B	11.6B	79.9	65.0	105	45.4	12.6	10.7	11.5	15.3B	15.0B	21
22	12.8B	8.55B	11.7B	86.8	65.1	96.4	42.0	12.9	10.4	11.4	15.2B	15.0B	22
23	12.7B	9.00B	11.7B	93.1	67.5	87.4	39.1	12.9	10.3	11.5	14.9B	14.9B	23
24	12.6B	9.57B	11.8B	103	67.7	78.6	36.2	12.3	10.0	11.1	14.7B	14.9B	24
25	12.2B	9.98B	11.9B	110	67.2	75.0	34.1	12.3	9.74	12.2	14.5B	14.8B	25
26	11.8B	10.3 B	12.3B	119	68.8	71.6	33.9	12.2	9.37	13.2	14.4B	14.9B	26
27	11.6B	10.4 B	13.1B	123	67.1	66.9	32.2	12.2	9.56	13.1	14.4B	14.9B	27
28	11.3B	10.5 B	14.4B	121	66.1	65.3	30.0	11.8	9.37	14.5	14.4B	14.9B	28
29	10.8B		16.1	119	66.3	64.0	28.4	11.5	9.29	14.5	14.5B	15.0B	29
30	10.6B		18.3	112	66.7	63.5	26.5	11.7	9.14	13.8	14.6B	14.9B	30
31	10.5B		22.6		70.6		25.3	12.5		13.4		14.8B	31
TOTAL	383.7	285.97	365.7	2 060.2	2 293.6	2 776.4	1 810.2	484.4	346.07	358.53	423.6	486.5	TOTAL
MEAN	12.4	10.2	11.8	68.7	74.0	92.5	58.4	15.6	11.5	11.6	14.1	15.7	MEAN
MAX	13.4	11.2	22.6	123	104	164	101	25.0	15.8	14.5	16.2	16.9	MAX
MIN	10.5	8.51	10.0	27.0	64.0	63.5	25.3	11.5	9.14	9.05	11.7	14.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.1
MAXIMUM DAILY, 164 ON JUN 15
MINIMUM DAILY, 8.51B ON FEB 21
MAXIMUM INSTANTANEOUS,
165 AT 16:10 PST ON JUN 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 40 N
LONG 122 53 15 W
DRAINAGE AREA, 12 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 200	JUL	156 000
FEB	24 700	AUG	41 900
MAR	31 600	SEP	29 900
APR	178 000	OCT	31 000
MAY	198 000	NOV	36 600
JUN	240 000	DEC	42 000

TOTAL DISCHARGE, 1 040 000 dam³

WHIPSAW CREEK BELOW LAMONT CREEK - STATION NO. 08NL036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.390B	0.270B	0.297	0.834	2.39	4.41	1.30	0.309	0.310	0.146	0.453	2.48	1
2	0.365B	0.300B	0.300	1.11	2.73	3.90	1.27	0.315	0.266	0.151	0.441A	2.33	2
3	0.437	0.325B	0.304	1.17	3.07	4.40	1.15	0.293	0.246	0.159	0.460E	2.17	3
4	0.429	0.340B	0.299	1.17	3.67	4.17	1.08	0.293	0.239	1.56	0.480E	2.18	4
5	0.433	0.330	0.299	1.24	5.00	3.62	1.11	0.294	0.227	0.928	0.380E	2.02	5
6	0.429	0.327	0.300	1.36	5.10	3.52	1.54	0.274	0.217	0.502	0.310E	1.88	6
7	0.433	0.352	0.301	1.51	3.97	3.46	1.24	0.275	0.206	0.415	0.300E	1.80	7
8	0.425	0.337	0.291	1.61	3.45	3.28	1.07	0.264	0.192	0.400A	0.295E	1.82	8
9	0.416	0.330	0.283	1.39	3.21	3.19	0.995	0.250	0.177	0.700E	1.70 E	1.82	9
10	0.396	0.343	0.272	1.33	3.20	3.83	0.931	0.242	0.184	0.520E	10.0 E	1.72	10
11	0.320B	0.396	0.276	1.34	3.40	3.31	0.886	0.257	0.180	0.460E	7.40 E	1.65	11
12	0.340B	0.364	0.280	1.47	3.42	2.91	0.799	0.271	0.172	0.440E	5.00 E	1.42	12
13	0.375B	0.300B	0.279	1.55	3.31	2.84	0.692	0.249	0.171	0.410E	3.64 A	1.50 E	13
14	0.395B	0.260B	0.262	1.74	3.20	2.81	0.628	0.227	0.168	0.390E	4.24	1.55 E	14
15	0.400	0.290B	0.268	2.21	3.20	2.91	0.602	0.207	0.176	0.370E	3.17	1.85 E	15
16	0.392	0.260B	0.285	2.87	3.18	3.04	0.572	0.202	0.208	0.355E	2.65	2.00 B	16
17	0.384	0.225B	0.325	3.33	3.16	2.86	0.532	0.209	0.200	0.340E	2.28	1.70 B	17
18	0.320B	0.240B	0.359	3.35	3.02	2.78	0.507	0.449	0.190	0.320E	1.98	1.09 B	18
19	0.295B	0.255B	0.386	3.47	2.98	2.65	0.481	0.376	0.178	0.310E	1.87	0.700B	19
20	0.310B	0.270B	0.403	4.06	3.02	2.59	0.474	0.304	0.175	0.370E	1.69	0.440B	20
21	0.325B	0.286B	0.390	4.34	2.77	2.48	0.441	0.397	0.173	0.420E	1.59	0.560B	21
22	0.340B	0.295B	0.390	4.23	2.96	2.41	0.428	0.546	0.167	0.380E	1.71	0.680B	22
23	0.350B	0.302B	0.381	4.45	2.95	2.35	0.509	0.381	0.164	0.348A	3.24	0.750B	23
24	0.350	0.302	0.332	4.36	2.77	2.18	0.460	0.329	0.158	0.341	7.63	0.840B	24
25	0.352	0.301	0.380	3.68	2.60	1.96	0.469	0.386	0.157	0.468	5.12	0.910B	25
26	0.350	0.303	0.388	3.24	2.60	1.78	0.463	0.361	0.153	0.896	4.06	1.00 B	26
27	0.382	0.302	0.384	3.00	2.75	1.65	0.428	0.316	0.153	0.564	3.49	1.08 B	27
28	0.360	0.303	0.396	2.74	3.27	1.57	0.395	0.277	0.157	0.712	3.08	0.920B	28
29	0.364		0.421	2.51	4.77	1.47	0.377	0.286	0.158	0.597	3.01	0.740B	29
30	0.348		0.506	2.34	4.08	1.35	0.357	0.351	0.156	0.520	2.71	0.800B	30
31	0.265B		0.674		5.07		0.337	0.326		0.508		0.830B	31
TOTAL	11.470	8.508	10.731	73.004	104.27	85.68	22.523	9.516	5.678	15.000	84.379	43.330	TOTAL
MEAN	0.370	0.304	0.346	2.43	3.36	2.86	0.727	0.307	0.189	0.484	2.81	1.40	MEAN
MAX	0.437	0.396	0.674	4.45	5.10	4.41	1.54	0.546	0.310	1.56	10.0	2.48	MAX
MIN	0.265	0.225	0.268	0.834	2.39	1.35	0.337	0.202	0.153	0.146	0.295	0.440	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 10.0E ON NOV 10
MINIMUM DAILY, 0.146 ON OCT 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 09 N
LONG 120 34 11 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	991	JUL	1 950
FEB	735	AUG	822
MAR	927	SEP	491
APR	6 310	OCT	1 300
MAY	9 010	NOV	7 290
JUN	7 400	DEC	3 740

TOTAL DISCHARGE, 41 000 dam³

WHITEMAN CREEK ABOVE BOULEAU CREEK - STATION NO. 08NM174

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.128	0.098B	0.088	0.407	1.60	3.19	1.03	0.215	0.130	0.041	0.077	0.090	1
2	0.176B	0.106B	0.090	0.634	1.62	3.41	0.983	0.194	0.116	0.041	0.069	0.090	2
3	0.128	0.113	0.096	0.799	1.71	3.21	0.962	0.177	0.117	0.042	0.069	0.092	3
4	0.126B	0.109	0.101	0.821	1.95	4.47	0.877	0.168	0.108	0.049	0.072	0.090	4
5	0.124	0.105	0.101	0.822	2.41	3.82	0.799	0.152	0.095	0.051	0.072	0.088	5
6	0.122	0.102	0.105	0.867	2.74	3.28	0.989	0.135	0.089	0.050	0.056	0.084	6
7	0.122	0.099	0.131	0.945	2.31	3.05	0.962	0.125	0.078	0.050	0.073	0.083	7
8	0.121	0.098	0.145	1.04	2.05	2.54	0.852	0.120	0.072	0.052	0.072	0.080	8
9	0.121	0.097	0.136	0.908	1.86	2.41	0.796	0.112	0.071	0.051	0.074	0.084	9
10	0.106B	0.096	0.135	0.771	1.80	3.87	0.724	0.107	0.070	0.072	0.145	0.091	10
11	0.095B	0.101	0.127	0.751	1.80	4.20	0.670	0.101	0.068	0.069	0.248	0.087	11
12	0.100B	0.098	0.120	0.757	1.81	4.60	0.628	0.099	0.064	0.061	0.245	0.087	12
13	0.110B	0.095	0.122	0.822	1.75	4.83	0.597	0.095	0.058	0.062	0.246	0.080B	13
14	0.119	0.094	0.118	0.850	1.74	4.14	0.533	0.088	0.059	0.059	0.229	0.082B	14
15	0.111	0.099	0.113	0.971	1.67	3.75	0.472	0.082	0.059	0.059	0.178	0.078B	15
16	0.114	0.097	0.115	1.06	1.62	3.57	0.422	0.077	0.060	0.065	0.152	0.076B	16
17	0.111	0.080B	0.132	1.25	1.75	3.08	0.382	0.078	0.060	0.065	0.137	0.078B	17
18	0.092B	0.082B	0.172	1.43	1.72	2.74	0.356	0.094	0.059	0.065	0.120	0.064B	18
19	0.093B	0.086B	0.213	1.69	1.65	2.57	0.342	0.106	0.056	0.064	0.116	0.055B	19
20	0.096B	0.091	0.225	1.89	1.61	2.40	0.319	0.098	0.054	0.067	0.113	0.048B	20
21	0.100	0.086	0.245	2.10	1.65	2.10	0.295	0.094	0.052	0.072	0.092	0.052B	21
22	0.100	0.084	0.241	2.23	1.70	1.90	0.289	0.105	0.049	0.077	0.113	0.056B	22
23	0.107	0.085	0.217	2.48	2.07	1.77	0.294	0.093	0.048	0.071	0.116	0.058B	23
24	0.109	0.084	0.189	2.69	2.30	1.60	0.300	0.089	0.045	0.068	0.084B	0.060B	24
25	0.113	0.089	0.207	2.33	2.57	1.40	0.311	0.121	0.044	0.071	0.070B	0.059B	25
26	0.112	0.089	0.190	2.16	2.80	1.32	0.306	0.155	0.043	0.076	0.066B	0.056B	26
27	0.106	0.089	0.183	2.05	2.44	1.22	0.279	0.144	0.042	0.074	0.082B	0.049B	27
28	0.107	0.089	0.183	1.87	2.53	1.28	0.253	0.121	0.041	0.074	0.098B	0.042B	28
29	0.116		0.190	1.74	2.46	1.31	0.226	0.115	0.041	0.076	0.112	0.046B	29
30	0.108B		0.215	1.63	3.05	1.10	0.219	0.141	0.042	0.079	0.094	0.052B	30
31	0.092B		0.294		3.05		0.240	0.142		0.076		0.056B	31
TOTAL	3.435	2.641	4.939	40.765	65.09	84.13	16.707	3.743	1.990	1.949	3.490	2.193	TOTAL
MEAN	0.111	0.094	0.159	1.36	2.10	2.80	0.539	0.121	0.066	0.063	0.116	0.071	MEAN
MAX	0.128	0.113	0.294	2.69	3.42	4.83	1.03	0.215	0.130	0.079	0.248	0.092	MAX
MIN	0.092	0.080	0.088	0.407	1.60	1.10	0.219	0.077	0.041	0.041	0.056	0.042	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.633
MAXIMUM DAILY, 4.83 ON JUN 13
MINIMUM DAILY, 0.041 ON SEP 28
MAXIMUM INSTANTANEOUS,
5.23 AT 19:30 PST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 44 N
LONG 119 32 19 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	297	JUL	1 440
FEB	228	AUG	323
MAR	427	SEP	172
APR	3 520	OCT	168
MAY	5 620	NOV	302
JUN	7 270	DEC	189

TOTAL DISCHARGE, 20 000 dam³

WILLIAMS LAKE NEAR WILLIAMS LAKE - STATION NO. 08MC023

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.718	0.853	1.051	1.262	1.634	1.490	2.105	1.612	1.190	1.020E	0.991	1.021	1
2	0.716	0.869	1.057	1.288A	1.631	1.489	2.099	1.589	1.171	1.015E	0.991	1.021	2
3	0.723	0.880	1.061	1.303E	1.625	1.486	2.095	1.567	1.160	1.010E	0.992	1.021	3
4	0.728	0.884	1.074	1.317A	1.624	1.485	2.062	1.555	1.142	1.005E	0.992	1.025	4
5	0.735	0.891	1.083	1.306	1.620	1.486	2.048	1.543	1.137	1.000E	0.990	1.021	5
6	0.740	0.895	1.081	1.318	1.602	1.493	2.032	1.517	1.129	0.998E	0.993	1.023	6
7	0.741	0.901	1.082	1.338	1.586	1.505	2.025	1.497	1.113	0.996E	0.991	1.021	7
8	0.752	0.900	1.086	1.371	1.573	1.516	2.007	1.489	1.102	0.994E	0.993	1.019	8
9	0.753	0.899	1.095	1.418	1.560	1.525	2.000	1.479	1.094	0.992E	0.993	1.017	9
10	0.756	0.914	1.099	1.460	1.552	1.534	2.001	1.459	1.087	0.990E	0.994	1.012E	10
11	0.758	0.928	1.094	1.485	1.543	1.551	2.002	1.444	1.079	0.990E	1.008	1.010E	11
12	0.760	0.928	1.107	1.507	1.535	1.580	1.999	1.430	1.071	0.990E	1.014	1.010E	12
13	0.765	0.931	1.109	1.520	1.528	1.621	1.984	1.412	1.061	0.990E	1.020	1.010E	13
14	0.776	0.940	1.106	1.536	1.513	1.682	1.969	1.392	1.053	0.990E	1.023	1.012E	14
15	0.783	0.950	1.105	1.545	1.498	1.745	1.946	1.372	1.043	0.990E	1.020	1.012E	15
16	0.788	0.956	1.114	1.537	1.490	1.791	1.921	1.356	1.048	0.989A	1.016	1.012E	16
17	0.788	0.958	1.116	1.543	1.484	1.834	1.902	1.335	1.050	0.991	1.015	1.010E	17
18	0.790	0.972	1.119	1.549	1.482	1.868	1.888	1.336	1.047	0.988	1.012	1.010E	18
19	0.793	0.982	1.139	1.556	1.475	1.904	1.864	1.318	1.042	0.984	1.015	1.008E	19
20	0.798	0.988	1.158	1.574	1.467	1.931	1.843	1.298	1.042	0.989	1.009	1.005E	20
21	0.801	0.986	1.175	1.581	1.461	1.960	1.827	1.296	1.040	0.992	1.007	1.002E	21
22	0.811	0.994	1.179	1.593	1.458	1.986	1.808	1.276	1.040	0.989	1.006	1.000E	22
23	0.815	1.000	1.186	1.603	1.456	2.004	1.780	1.274	1.039	0.994	1.028	1.000E	23
24	0.826	1.017	1.196	1.617	1.458	2.024	1.766	1.256	1.035A	0.992	1.032	0.998E	24
25	0.832	1.024	1.199	1.616	1.457	2.048	1.746	1.239	1.032E	0.990	1.028	0.998E	25
26	0.826	1.029	1.207	1.613	1.463	2.063	1.736	1.222	1.030E	1.000	1.027	1.000E	26
27	0.828	1.036	1.207	1.605	1.470	2.082	1.717	1.225	1.028E	1.001	1.027	1.000E	27
28	0.843	1.036	1.214	1.607	1.467	2.101	1.696	1.223	1.026E	0.998	1.023	1.002E	28
29	0.850		1.219	1.626	1.470	2.112	1.670	1.210	1.024E	0.998	1.020	1.002E	29
30	0.849		1.242	1.635	1.477	2.106	1.649	1.192	1.022E	0.994	1.020	1.000E	30
31	0.848		1.243		1.485		1.631	1.187		0.993		1.000E	31
MEAN	0.784	0.948	1.136	1.494	1.521	1.767	1.897	1.374	1.073	0.995	1.010	1.010	MEAN
MAX	0.850	1.036	1.243	1.635	1.634	2.112	2.105	1.612	1.190	1.020	1.032	1.025	MAX
MIN	0.716	0.853	1.051	1.262	1.456	1.485	1.631	1.187	1.022	0.984	0.990	0.998	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 1.252
MAXIMUM DAILY, 2.112 ON JUN 29
MINIMUM DAILY, 0.716 ON JAN 02
MAXIMUM INSTANTANEOUS,
2.122 AT 18:00 PST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 19 N
LONG 122 06 33 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 565.582 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WILLIAMS LAKE RIVER AT OUTLET OF WILLIAMS LAKE - STATION NO. 08MC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002	0 E	0.260E	2.17	6.86	3.60	8.87	4.60	1.03	0.178	0.064	0.452	1
2	0.002	0 E	0.290E	2.37	6.89	3.50	8.87	4.42	0.957	0.153	0.056	0.449	2
3	0.002	0.001E	0.550E	2.59	6.63	3.42	8.83	4.20	0.918	0.166	0.064	0.472	3
4	0.002	0.001E	0.660E	2.83	6.64	3.26	8.72	4.00	0.876	0.237	0.050	0.454	4
5	0.003	0.002E	0.760E	2.92	6.46	3.33	8.27	3.89	0.837	0.186	0.039	0.428	5
6	0.002	0.003E	0.720E	3.14	6.24	3.28	7.98	3.54	0.784	0.177	0.051	0.450	6
7	0.002	0.003E	0.740E	3.34	6.14	3.29	8.00	3.35	0.755	0.208	0.051	0.475	7
8	0.002	0.003E	0.780E	3.55	5.95	3.34	7.87	3.14	0.703	0.194	0.041	0.461	8
9	0.001	0.004E	0.911	4.10	5.75	3.33	7.80	2.95	0.623	0.203	0.041	0.445	9
10	0.002	0.005E	0.907	4.50	5.57	3.34	7.92	2.79	0.617	0.192	0.047	0.443	10
11	0	0.006E	0.915	4.96	5.32	3.38	8.03	2.65	0.590	0.189	0.107	0.426	11
12	0	0.007E	0.964	5.22	5.27	3.77	7.98	2.51	0.545	0.178	0.096	0.416	12
13	0	0.007E	0.960	5.39	5.19	4.29	8.08	2.37	0.499	0.161	0.405	0.407	13
14	0	0.008E	0.993	5.58	5.11	5.05	8.20	2.24	0.479	0.150	0.686	0.412	14
15	0	0.009E	0.977	5.64	4.93	5.57	8.03	2.09	0.447	0.133	0.598	0.419	15
16	0	0.010E	0.989	5.63	4.85	6.02	7.85	1.99	0.488	0.105	0.575	0.419	16
17	0	0.010E	0.990	5.72	4.66	6.55	7.88	1.90	0.453	0.121	0.528	0.410B	17
18	0 E	0.012E	1.10	5.71	4.55	6.73	7.64	1.79	0.424	0.095	0.510	0.400B	18
19	0 E	0.014E	1.24	5.94	4.37	6.79	7.11	1.76	0.400	0.091	0.506	0.360B	19
20	0 A	0.016E	1.37	6.13	4.24	7.13	6.67	1.66	0.378	0.098	0.473	0.360B	20
21	0 E	0.017E	1.60	6.35	4.20	7.43	6.48	1.65	0.352	0.092	0.440	0.365B	21
22	0.001E	0.018E	1.64	6.42	4.22	7.54	6.33	1.50	0.350	0.083	0.422	0.370B	22
23	0.001E	0.020E	1.70	6.43	4.04	7.61	6.05	1.48	0.317	0.098	0.466	0.375B	23
24	0.001E	0.030E	1.74	6.38	3.99	7.72	5.96	1.40	0.294	0.108	0.478	0.380B	24
25	0.001E	0.065E	1.79	6.45	3.92	7.77	5.49	1.36	0.262	0.085	0.469	0.390B	25
26	0.001E	0.120E	1.87	6.36	4.04	7.94	5.36	1.32	0.[illegible]8	0.093	0.460	0.400B	26
27	0.001E	0.170E	1.80	6.38	3.98	8.15	5.33	1.30	0.[illegible]3	0.125	0.449	0.390B	27
28	0.001E	0.220E	1.85	6.41	3.85	8.45	5.12	1.24	0.219	0.091	0.462	0.380B	28
29	0.001E		1.94	6.54	3.79	8.56	5.04	1.22	0.202	0.096	0.470	0.385B	29
30	0 E		1.98	6.89	3.70	8.74	4.89	1.16	0.183	0.080	0.455	0.390B	30
31	0 E		2.05		3.66		4.71	1.10		0.067		0.395B	31
TOTAL	0.028	0.781	37.036	152.04	154.81	168.88	221.36	72.57	15.463	4.233	9.559	12.778	TOTAL
MEAN	0.001	0.028	1.19	5.07	4.99	5.63	7.14	2.34	0.515	0.137	0.319	0.412	MEAN
MAX	0.003	0.220	2.05	6.89	6.86	8.74	8.87	4.60	1.03	0.237	0.686	0.475	MAX
MIN	0	0	0.260	2.17	3.66	3.26	4.71	1.10	0.183	0.067	0.039	0.360	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.33
MAXIMUM DAILY, 8.87 ON JUL 01
MINIMUM DAILY, 0 ON JAN 11
MAXIMUM INSTANTANEOUS,
9.05 AT 17:10 PST ON JUL 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 19 N
LONG 122 08 24 W
DRAINAGE AREA, 2 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 42	JUL	19 100
FEB	67 5	AUG	6 270
MAR	3 200	SEP	1 340
APR	13 100	OCT	366
MAY	13 400	NOV	826
JUN	14 600	DEC	1 100

TOTAL DISCHARGE, 73 400 dam³

WILLISTON LAKE AT LOST CABIN CREEK - STATION NO. 07EF002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.191	29.179A	27.278	25.833	25.261	30.412	37.631	39.124E	38.908	37.672	35.947	34.054	1
2	31.154	29.102A	27.214	25.799	25.286	31.039	37.769	39.096A	38.890	37.608	35.889	33.994	2
3	31.086	29.030A	27.157	25.752	25.338	31.589	37.884	39.089	38.873	37.549	35.836	33.933	3
4	31.031	28.958A	27.115	25.706	25.404	32.059	38.001	39.109	38.848	37.493	35.779	33.888	4
5	30.955	28.892A	27.060	25.653	25.491	32.507	38.108	39.135	38.832	37.432	35.689	33.810	5
6	30.895	28.813A	27.000	25.624	25.615	32.929	38.193	39.146	38.799	37.381	35.590	33.742	6
7	30.839	28.737A	26.965	25.590	25.758	33.309	38.274	39.126	38.777	37.318	35.513	33.690	7
8	30.774	28.671A	26.916	25.567	25.830	33.637	38.371	39.121	38.762	37.254	35.435	33.628	8
9	30.711	28.599A	26.867	25.531	25.896	33.939	38.474	39.112	38.735	37.210	35.352	33.557	9
10	30.656	28.522A	26.832	25.475	25.965	34.230	38.547	39.097	38.719	37.158	35.300	33.479	10
11	30.592	28.466A	26.800	25.415	26.042	34.507	38.611	39.088	38.670	37.097	35.240	33.401	11
12	30.528	28.409A	26.752	25.364	26.127	34.778	38.643	39.087	38.617	37.051	35.177	33.327	12
13	30.458	28.334A	26.709	25.319	26.238	35.021	38.680	39.060	38.560	36.997	35.129	33.245	13
14	30.392	28.257A	26.682	25.285A	26.329	35.248	38.716	39.061	38.514	36.936	35.076	33.193	14
15	30.334	28.186A	26.661	25.247E	26.401	35.467	38.765	39.051	38.461	36.872	35.018	33.109	15
16	30.257	28.122A	26.645	25.219E	26.470	35.681	38.817	39.039	38.409	36.829	34.960	33.025	16
17	30.180	28.025A	26.614	25.180E	26.544	35.874	38.852	39.026	38.347	36.741	34.904	32.970	17
18	30.117	27.957A	26.592	25.145E	26.647	36.050	38.899	39.026	38.312	36.704	34.846	32.885	18
19	30.050	27.893A	26.568	25.149E	26.756	36.193	38.930	39.036	38.264	36.643	34.787	32.791	19
20	29.981	27.825A	26.522	25.166E	26.893	36.338	38.966	39.042	38.224	36.575	34.734	32.693	20
21	29.931	27.750	26.462	25.180E	27.045	36.486	39.000	39.051	38.180	36.536	34.677	32.612	21
22	29.872	27.670	26.393	25.184E	27.203	36.630	39.040	39.041	38.140	36.474	34.617	32.535	22
23	29.777	27.620	26.316	25.190E	27.373	36.780	39.080A	39.033	38.105	36.389	34.561	32.453	23
24	29.711	27.563	26.231	25.213E	27.555	36.930	39.091E	39.039	38.069	36.355	34.504	32.392	24
25	29.653	27.505	26.169	25.223E	27.774	37.068	39.102E	39.037	38.018	36.306	34.443	32.305	25
26	29.594	27.450	26.111	25.239A	28.022	37.160	39.104E	39.038	37.960	36.241	34.391	32.248	26
27	29.519	27.398	26.064	25.256	28.283	37.240	39.106E	39.025	37.893	36.192	34.343	32.161	27
28	29.447	27.328	25.992	25.252	28.584	37.329	39.120E	39.016	37.840	36.146	34.291	32.056	28
29	29.381		25.941	25.248	28.924	37.413	39.114E	38.984	37.777	36.104	34.237	31.965A	29
30	29.310		25.895	25.252	29.314	37.521	39.134E	38.949	37.720	36.045	34.153	31.911A	30
31	29.248E		25.856		29.784		39.125E	38.923		36.015		31.841A	31
MEAN	30.246	28.224	26.593	25.375	26.779	35.045	38.682	39.058	38.407	36.817	35.014	32.997	MEAN
MAX	31.191	29.179	27.278	25.833	29.784	37.521	39.134	39.146	38.908	37.672	35.947	34.054	MAX
MIN	29.248	27.328	25.856	25.145	25.261	30.412	37.631	38.923	37.720	36.015	34.153	31.841	MIN

WATER LEVELS IN METRES

MEAN, 32.800
MAXIMUM DAILY, 39.146 ON AUG 06
MINIMUM DAILY, 25.145E ON APR 18
MAXIMUM INSTANTANEOUS,
39.197 AT 10:13 PST ON AUG 06

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 59 N
LONG 123 44 44 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1967

WILLISTON LAKE AT NATION ARM - STATION NO. 07ED002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.190E	29.125E	27.280E	25.862	25.355	30.445	37.635	39.138A	38.936	37.759	35.978	34.107A	1
2	31.125E	29.095E	27.220E	25.825	25.370	31.071	37.799	39.119A	38.936	37.700	35.914	34.050A	2
3	31.085E	29.050E	27.190E	25.781	25.419	31.616	37.924	39.146	38.929	37.644	35.852	33.990A	3
4	31.010E	28.965E	27.170E	25.732	25.486	32.094	38.039	39.155	38.884	37.611	35.818	33.900A	4
5	30.950E	28.880E	27.130E	25.685	25.575	32.548	38.141	39.154	38.872	37.508	35.692	33.799A	5
6	30.880E	28.800E	27.090E	25.653	25.684	32.974	38.226	39.154	38.836	37.409	35.542	33.716A	6
7	30.820E	28.735E	27.018A	25.625	25.834	33.331	38.284	39.179	38.790	37.371	35.517	33.681A	7
8	30.790E	28.670E	26.971	25.594	25.905	33.653	38.356	39.179	38.801	37.292	35.435	33.651A	8
9	30.720E	28.590E	26.923	25.555	25.971	33.974	38.448	39.190	38.773	37.268	35.361	33.570A	9
10	30.670E	28.515E	26.895	25.498	26.044	34.279	38.517	39.161	38.744	37.220	35.315	33.498A	10
11	30.580E	28.425E	26.861	25.442	26.121	34.559	38.614	39.149	38.717	37.157	35.240	33.434A	11
12	30.510E	28.380E	26.813	25.381	26.206	34.834	38.641	39.140	38.680	37.083	35.186	33.362A	12
13	30.465E	28.350E	26.787	25.344	26.327	35.066	38.679	39.152	38.586	37.026	35.128	33.262A	13
14	30.380E	28.250E	26.741	25.306	26.419	35.291	38.720	39.142	38.551	36.985	35.071	33.220A	14
15	30.320E	28.150E	26.724	25.267	26.486	35.500	38.748	39.098	38.487	36.927	34.975	33.144A	15
16	30.290E	28.100E	26.709	25.224	26.354	35.713	38.808	39.093	38.458	36.856	34.973	33.043A	16
17	30.215E	28.060E	26.672	25.194	26.625	35.921	38.856	39.066	38.375	36.800	34.915	33.023A	17
18	30.130E	27.990E	26.643	25.199	26.726	36.100	38.901	39.061	38.314	36.774	34.859	32.930A	18
19	30.040E	27.915E	26.628	25.215	26.842	36.253	38.937	39.076	38.274	36.740	34.851	32.829A	19
20	29.995E	27.810E	26.584	25.223	26.994	36.404	38.963	39.072	38.233	36.674	34.744A	32.722A	20
21	29.920E	27.720E	26.509	25.226	27.111	36.534	38.996	39.089	38.193	36.619	34.724A	32.652A	21
22	29.865E	27.670E	26.432	25.258	27.258	36.675	39.024	39.079	38.146	36.552	34.570A	32.576A	22
23	29.795E	27.590E	26.353	25.272	27.433	36.799	39.062	39.070	38.086	36.422	34.638A	32.491A	23
24	29.720E	27.515E	26.268	25.279	27.620	36.954	39.083	39.054	38.082	36.416	34.550A	32.422A	24
25	29.620E	27.475E	26.208	25.313	27.851	37.104	39.091	39.076	38.068	36.387	34.511A	32.342A	25
26	29.575E	27.400E	26.143	25.338	28.086	37.186	39.097	39.065	38.010	36.303	34.372A	32.260A	26
27	29.480E	27.350E	26.097	25.351	28.357	37.281	39.107	39.052	37.968	36.258	34.365A	32.198A	27
28	29.390E	27.330E	26.031	25.348	28.641	37.363	39.111	39.038	37.853	36.215	34.284A	32.105E	28
29	29.315E		25.973	25.348	28.966	37.443	39.119	39.014	37.830	36.174	34.243A	32.030E	29
30	29.250E		25.943	25.344	29.359	37.535	39.131	39.009	37.789	36.116	34.165A	31.975E	30
31	29.190E		25.894		29.831		39.124	38.951		36.047		31.910E	31
MEAN	30.235	28.211	26.641	25.423	26.853	35.083	38.683	39.101	38.440	36.881	35.026	33.029	MEAN
MAX	31.190	29.125	27.280	25.862	29.831	37.535	39.131	39.190	38.936	37.759	35.978	34.107	MAX
MIN	29.190	27.330	25.894	25.194	25.355	30.445	37.635	38.951	37.789	36.047	34.165	31.910	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 32.831
MAXIMUM DAILY, 39.190 ON AUG 09
MINIMUM DAILY, 25.194 ON APR 17
MAXIMUM INSTANTANEOUS,
39.208 AT 15:21 PST ON AUG 09

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 30 14 N
LONG 123 25 11 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLISTON LAKE NEAR SCHOOLER CREEK - STATION NO. 07EF003

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.181	29.160	27.300A	25.827	25.316	30.374	37.552E	38.973E	38.890	37.668	35.997	34.161E	1
2	31.139	29.121	27.243A	25.804	25.338	31.009	37.677E	39.068A	38.874	37.644	35.917	34.085E	2
3	31.086A	29.059	27.176A	25.741	25.390	31.562	37.828E	39.095	38.869	37.574	35.843	34.016E	3
4	31.039E	28.982	27.136A	25.677	25.446	32.065	37.944E	39.109	38.855	37.485	35.781	33.959	4
5	30.981A	28.917	27.083A	25.654	25.529	32.525	38.050E	39.116	38.821	37.438	35.735	33.894A	5
6	30.940	28.829	27.024A	25.606	25.641	32.932	38.136E	39.149	38.819	37.402	35.638	33.817	6
7	30.882	28.779	26.966A	25.555	25.751	33.305	38.216E	39.138	38.756	37.338	35.560	33.732	7
8	30.823	28.675	26.936A	25.532	25.852	33.627	38.265E	39.123	38.736	37.286	35.467	33.689	8
9	30.764	28.617	26.880A	25.497	25.916	33.926	38.355E	39.122	38.738	37.236	35.375	33.599	9
10	30.710	28.568	26.827A	25.451	25.954	34.194	38.424E	39.096	38.712	37.159	35.337E	33.527	10
11	30.644	28.485	26.804A	25.397	26.040	34.474	38.491E	39.080	38.661	37.112	35.278E	33.461A	11
12	30.578	28.400	26.785A	25.324	26.144	34.743	38.536E	39.070	38.600	37.084	35.213E	33.401	12
13	30.526	28.378	26.739A	25.296	26.262	34.988	38.553E	39.021	38.566	37.037	35.152E	33.319	13
14	30.469	28.297	26.711A	25.265	26.350	35.242	38.588E	39.019	38.501	36.964	35.108	33.230	14
15	30.372	28.152	26.690A	25.187	26.424	35.465	38.620E	39.021	38.448	36.893	35.042	33.153A	15
16	30.332	28.110	26.667	25.158	26.502	35.683	38.677E	39.021	38.386	36.845	34.999	33.086A	16
17	30.290	28.104	26.634	25.148	26.567	35.882	38.724E	39.022	38.329	36.754	34.962	33.013A	17
18	30.211	28.053	26.629	25.163	26.671	36.066	38.769E	39.032	38.289	36.725	34.907	32.927E	18
19	30.127	27.910A	26.558	25.165	26.754	36.199	38.802E	39.036	38.262	36.690	34.837A	32.852E	19
20	30.048	27.841A	26.507	25.183	26.884	36.349	38.825E	39.045	38.225	36.623	34.782E	32.775E	20
21	29.973	27.786A	26.459	25.199	27.063	36.488	38.852E	39.041	38.186	36.568	34.718E	32.702E	21
22	29.913	27.733A	26.397	25.224	27.225	36.607	38.894E	39.042	38.127	36.518	34.659E	32.629E	22
23	29.845	27.619A	26.330	25.229	27.405	36.760	38.925E	39.060	38.106	36.418	34.597E	32.548E	23
24	29.771	27.584A	26.268	25.230	27.589	36.915	38.943E	39.039	38.064	36.398	34.545E	32.473E	24
25	29.653	27.548A	26.199	25.240	27.788	37.045	38.952E	39.053	38.011	36.332	34.492E	32.397E	25
26	29.595	27.492A	26.154	25.256	28.050	37.123	38.955E	39.035	37.943	36.261	34.441E	32.310A	26
27	29.536	27.437A	26.087	25.265	28.307	37.195E	38.970E	38.998	37.867	36.202	34.412E	32.196E	27
28	29.455	27.378A	26.024	25.288	28.609	37.290E	38.967E	39.007	37.831	36.198	34.335A	32.092E	28
29	29.375		25.966	25.304	28.948	37.363E	38.984E	38.977	37.806	36.130	34.287A	32.005E	29
30	29.286		25.907	25.309	29.338	37.441E	38.987E	38.913	37.744	36.078	34.225E	31.917E	30
31	29.224		25.856		29.791		38.979E	38.897		36.045		31.847E	31
MEAN	30.281	28.250	26.611	25.372	26.801	35.028	38.563	39.046	38.401	36.842	35.055	33.058	MEAN
MAX	31.181	29.160	27.300	25.827	29.791	37.441	38.987	39.149	38.890	37.668	35.997	34.161	MAX
MIN	29.224	27.378	25.856	25.148	25.316	30.374	37.552	38.897	37.744	36.045	34.225	31.847	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 32.805
MAXIMUM DAILY, 39.149 ON AUG 06
MINIMUM DAILY, 25.148 ON APR 17
MAXIMUM INSTANTANEOUS,
39.183 AT 15:07 PST ON AUG 06

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 20 N
LONG 122 43 57 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLOW RIVER ABOVE HAY CREEK - STATION NO. 08KD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.6B	14.0B	12.3B	15.6B	126	221	71.4	15.0	7.00E	5.95E	26.7	17.8B	1
2	28.1B	13.8B	12.2B	17.1B	126	214	68.2	14.5	7.75E	5.99E	24.3	17.6B	2
3	27.7B	13.7B	12.2B	18.1B	128	202	72.3	13.4	8.40E	6.51E	22.5	17.1B	3
4	27.2B	13.7B	12.1B	21.8B	139	196	73.1	12.3	8.60E	6.56E	21.2	16.8B	4
5	26.4B	13.6B	12.1B	25.5B	151	180	72.0	11.3	8.40E	6.70E	19.7	16.4B	5
6	25.1B	13.4B	12.0B	32.1B	175	165	68.7	10.5	8.05E	7.65E	18.7B	16.1B	6
7	24.4B	13.3B	12.1B	39.4B	172	154	63.1	10.2	7.75E	7.67E	17.9B	16.0B	7
8	24.0B	13.2B	12.1B	45.4B	163	145	62.6	10.1	7.50E	8.00E	17.0B	15.9B	8
9	23.7B	13.1B	12.2B	51.2B	152	135	66.1	10.0	7.34E	9.71E	16.0B	16.1B	9
10	23.4B	12.9B	12.3B	57.0B	148	132	61.0	9.78	7.24E	11.9 E	15.1B	16.2B	10
11	23.1B	12.7B	12.2B	63.2B	145	178	56.6	9.42	7.12E	15.0 E	14.6B	16.3B	11
12	22.8B	12.4B	12.1B	70.6	139	316 A	52.4	8.75E	7.00E	19.9 E	14.5B	16.4B	12
13	22.5B	11.7B	12.2B	71.8	131	370 E	47.5	8.10E	6.90E	19.7 E	18.2B	16.4B	13
14	22.3B	11.1B	12.2B	77.2	123	349 E	44.7	7.20E	6.77E	18.2 E	26.8B	16.3B	14
15	21.9B	10.8B	12.2B	89.8	119	227 A	40.6	7.05E	6.64E	16.5 E	26.7B	16.2B	15
16	21.5B	10.5B	12.3B	103	116	188	38.5	6.97A	6.50E	15.1 E	25.2B	16.0B	16
17	21.0B	10.3B	12.5B	111	117	157	35.4	7.24	6.40E	14.0 E	23.7B	15.8B	17
18	20.4B	10.2B	12.6B	117	122	138	34.3	7.48	6.32E	13.1 A	22.2B	15.4B	18
19	19.8B	10.1B	12.7B	141	127	122	33.2	7.69	6.26E	12.3	21.0B	14.9B	19
20	19.2B	10.3B	12.7B	173	124	112	30.4	7.60E	6.22E	11.8	20.0B	14.4B	20
21	18.7B	10.4B	12.6B	194	127	102	28.0	7.40E	6.19E	11.6	19.2B	14.1B	21
22	18.5B	10.6B	12.6B	197	128	92.7	25.7	7.25E	6.19E	11.3	18.4B	13.9B	22
23	18.6B	11.4B	12.6B	205	131	83.9	23.4	7.48E	6.18E	11.3	17.8B	13.8B	23
24	18.5B	11.7B	12.5B	219	134	77.6	21.5	7.50E	6.18E	11.4	17.7B	13.7B	24
25	18.2B	12.1B	12.6B	233	136	72.1	20.8	7.40E	6.11E	13.4	17.7B	13.7B	25
26	17.7B	12.3B	12.7B	205	138	72.1	20.3	7.24E	6.01E	20.8	17.6B	13.8B	26
27	16.9B	12.4B	12.9B	188	142	75.3	19.4	7.10E	5.99E	30.0	17.7B	13.9B	27
28	16.2B	12.4B	13.2B	162	145	82.2	18.2	6.95E	5.92E	32.3	17.8B	13.9B	28
29	15.2B		13.6B	138	152	92.5	16.9	6.80E	5.90E	33.6	17.9B	13.8B	29
30	14.8B		13.9B	130	182	73.8	15.8	6.72E	5.90E	31.7	17.9B	13.7B	30
31	14.4B		14.5B		197		15.1	6.75E		29.0		13.6B	31
TOTAL	660.8	337.9	388.9	3 211.8	4 355	4 715.2	1 317.2	273.17	204.73	468.64	591.7	476.0	TOTAL
MEAN	21.3	12.1	12.5	107	140	157	42.5	8.81	6.82	15.1	19.7	15.4	MEAN
MAX	28.6	14.0	14.5	233	197	370	73.1	15.0	8.60	33.6	26.8	17.8	MAX
MIN	14.4	10.1	12.0	15.6	116	72.1	15.1	6.72	5.90	5.95	14.5	13.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.6
MAXIMUM DAILY, 370E ON JUN 13
MINIMUM DAILY, 5.90E ON SEP 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 44 N
LONG 122 22 23 W
DRAINAGE AREA, 2 870 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 100	JUL	114 000
FEB	29 200	AUG	23 600
MAR	33 600	SEP	17 700
APR	277 000	OCT	40 500
MAY	376 000	NOV	51 100
JUN	407 000	DEC	41 100

TOTAL DISCHARGE, 1 470 000 dam³

WINDREM CREEK NEAR CHETWYND - STATION NO. 07FB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.302	0.392	0.173	0.013E	0.002E	0.001E	---	---	1
2	---	---	---	---	0.303	0.351	0.248	0.018E	0.002E	0.002E	---	---	2
3	---	---	---	---	0.322	0.317	0.363	0.014E	0.003E	0.004E	---	---	3
4	---	---	---	---	0.349	2.00	0.141	0.012E	0.002E	0.006E	---	---	4
5	---	---	---	---	0.371	1.78	0.131	0.011E	0.001E	0.005E	---	---	5
6	---	---	---	---	0.479	0.766	0.117	0.010E	0.001E	0.005E	---	---	6
7	---	---	---	---	0.347	0.499	0.088	0.010E	0.002E	0.004E	---	---	7
8	---	---	---	---	0.342	0.377	0.048	0.010E	0.003E	0.003E	---	---	8
9	---	---	---	---	0.335	0.474	0.030	0.010E	0.002E	0.003E	---	---	9
10	---	---	---	---	0.327	0.541	0.017	0.010E	0.001E	0.003E	---	---	10
11	---	---	---	---	0.321	0.649	0.018	0.009E	0.001E	0.006E	---	---	11
12	---	---	---	---	0.324	2.99	0.016	0.009E	0.002E	0.006E	---	---	12
13	---	---	---	---	0.327	0.694	0.015	0.013E	0.001E	0.006E	---	---	13
14	---	---	---	---	0.324	1.01	0.018	0.016E	0.001E	0.006E	---	---	14
15	---	---	---	---	0.308	0.584	0.016	0.016E	0.001E	0.005	---	---	15
16	---	---	---	---	0.333	0.456	0.015	0.018E	0.001E	0.005B	---	---	16
17	---	---	---	---	0.323	0.418	0.015	0.024E	0.002E	0.004B	---	---	17
18	---	---	---	---	0.318	0.361	0.015	0.014E	0.001E	0.006B	---	---	18
19	---	---	---	---	0.309	0.241	0.014	0.010E	0.001E	0.005B	---	---	19
20	---	---	---	---	0.305	0.241	0.014	0.008E	0.001E	0.003B	---	---	20
21	---	---	---	---	0.308	0.140	0.014	0.006E	0 E	0.006B	---	---	21
22	---	---	---	---	0.310	0.255	0.014	0.004E	0 E	0.005B	---	---	22
23	---	---	---	---	0.303	0.112	0.014	0.003	0 E	0.004B	---	---	23
24	---	---	---	---	0.302	0.095	0.013	0.028	0 E	0.003B	---	---	24
25	---	---	---	---	0.302	0.064	0.012	0.001E	0 E	0.003B	---	---	25
26	---	---	---	---	0.716	0.037	0.013E	0.002	0 E	0.004B	---	---	26
27	---	---	---	---	0.517	0.071	0.012E	0.002E	0 E	0.005B	---	---	27
28	---	---	---	---	0.367	0.039	0.012E	0.002E	0 E	0.008B	---	---	28
29	---	---	---	---	0.335	0.033	0.011E	0.002E	0 E	0.007B	---	---	29
30	---		---	---	0.320	0.098	0.011E	0.002E	0 E	0.006B	---	---	30
31	---		---		0.403		0.011E	0.003E		0.007B		---	31
TOTAL	---	---	---	---	10.854	16.085	1.649	0.310	0.031	0.146	---	---	TOTAL
MEAN	---	---	---	---	0.350	0.536	0.053	0.010	0.001	0.005	---	---	MEAN
MAX	---	---	---	---	0.716	2.99	0.363	0.028	0.003	0.008	---	---	MAX
MIN	---	---	---	---	0.302	0.033	0.011	0.001	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.99 ON JUN 12
MINIMUM DAILY, 0E ON SEP 21

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 41 45 N
LONG 121 37 48 W
DRAINAGE AREA, 22.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	142
FEB	---	AUG	26.8
MAR	---	SEP	2.68
APR	---	OCT	12.6
MAY	938	NOV	---
JUN	1 390	DEC	---

WITCHES BROOK NEAR MERRITT - STATION NO. 08LG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0.001B	0.002B	0.003B	0.004	0.178	0.004	0.001	0.001	0.002	0.002	0.002B	1
2	0.003B	0.001B	0.002B	0.003B	0.004	0.146	0.005	0.001	0.002	0.002	0.001	0.001B	2
3	0.003B	0.001B	0.002B	0.003B	0.005	0.137	0.004	0.001	0.002	0.002	0.001	0.001B	3
4	0.003B	0.002B	0.002B	0.004B	0.005	0.123	0.006	0.001	0.001	0.002	0.002	0.002B	4
5	0.003B	0.002B	0.002B	0.004B	0.004	0.098	0.006	0.001	0.001	0.004	0.002	0.002B	5
6	0.004B	0.002B	0.002B	0.004B	0.004	0.085	0.037	0.001	0.001	0.003	0.001	0.002B	6
7	0.004B	0.003B	0.002B	0.003B	0.004	0.076	0.059	0.001	0.001	0.003	0.001	0.003B	7
8	0.003B	0.003B	0.002B	0.003B	0.004	0.061	0.042	0	0.001	0.003	0.001	0.003B	8
9	0.003B	0.003B	0.002B	0.003B	0.004	0.058	0.022	0.001	0.001	0.002	0.001	0.004B	9
10	0.003B	0.003B	0.002B	0.003A	0.003	0.125	0.012	0.001	0.001	0.002	0.001	0.004B	10
11	0.002B	0.003B	0.002B	0.004	0.006	0.175	0.005	0.001	0.001	0.002	0.002	0.004B	11
12	0.002B	0.003B	0.002B	0.005	0.005	0.183	0.002	0.001	0.001	0.002	0.002	0.003B	12
13	0.002B	0.002B	0.002B	0.004B	0.004	0.213	0.002	0	0.001	0.001	0.002	0.003B	13
14	0.003B	0.002B	0.002B	0.004B	0.004	0.177	0.002	0	0.001	0.002	0.001	0.003B	14
15	0.003B	0.002B	0.002B	0.004B	0.003	0.143	0.002	0.001	0.001	0.002	0.001	0.003B	15
16	0.003B	0.001B	0.003B	0.004	0.004	0.157	0.001	0.001	0.001	0.002	0.001	0.002B	16
17	0.003B	0.001B	0.003B	0.004	0.004	0.232	0.002	0.001	0.001	0.002	0.001	0.002B	17
18	0.002B	0.001B	0.003B	0.004	0.005	0.254	0.002	0.003	0.002	0.002	0.001	0.002B	18
19	0.002B	0.001B	0.003B	0.005	0.006	0.253	0.002	0.002	0.002	0.001	0.001	0.001B	19
20	0.002B	0.001B	0.003B	0.004	0.005	0.259	0.001	0.001	0.002	0.001	0.001	0.001B	20
21	0.002B	0.001B	0.003B	0.004	0.005	0.173	0.001	0.002	0.001	0.001	0.001	0 B	21
22	0.002B	0.001B	0.003B	0.004	0.004	0.127	0.001	0.002	0.002	0.001	0.001	0 B	22
23	0.002B	0.001B	0.003B	0.005	0.004	0.096	0.002	0.003	0.002	0.001	0.001	0 B	23
24	0.003B	0.001B	0.002B	0.004	0.008	0.077	0.002	0.002	0.002	0.002	0.001B	0 B	24
25	0.003B	0.001B	0.002B	0.004	0.010	0.054	0.002	0.002	0.002	0.002	0.001B	0 B	25
26	0.003B	0.002B	0.002B	0.005	0.019	0.045	0.001	0.002	0.002	0.002	0.001B	0 B	26
27	0.002B	0.002B	0.002B	0.004	0.059	0.034	0.001	0.002	0.002	0.002	0.002B	0 B	27
28	0.002B	0.002B	0.002B	0.004	0.079	0.026	0.001	0.002	0.001	0.001	0.002B	0 B	28
29	0.002B		0.002B	0.004	0.148	0.021	0.001	0.002	0.001	0.002	0.002B	0 B	29
30	0.001B		0.003B	0.004	0.159	0.009	0.001	0.002	0.001	0.002	0.002B	0 B	30
31	0.001B		0.003B		0.164		0.001	0.002		0.002		0 B	31
TOTAL	0.079	0.049	0.072	0.117	0.746	3.795	0.232	0.043	0.041	0.060	0.040	0.048	TOTA
MEAN	0.003	0.002	0.002	0.004	0.024	0.127	0.008	0.001	0.001	0.002	0.001	0.002	MEAN
MAX	0.004	0.003	0.003	0.005	0.164	0.259	0.059	0.003	0.002	0.004	0.002	0.004	MAX
MIN	0.001	0.001	0.002	0.003	0.003	0.009	0.001	0	0.001	0.001	0.001	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.259 ON JUN 20
MINIMUM DAILY, 0 ON AUG 08
MAXIMUM INSTANTANEOUS,
0.314 AT 23:51 PST ON JUN 19

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 33 N
LONG 120 51 29 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6.83	JUL	20.0
FEB	4.23	AUG	3.72
MAR	6.22	SEP	3.54
APR	10.1	OCT	5.18
MAY	64.5	NOV	3.46
JUN	328	DEC	4.15

TOTAL DISCHARGE, 460 dam³

YAKOUN RIVER NEAR PORT CLEMENTS - STATION NO. 08OA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.0	16.8	24.6	16.9	11.3	3.06	7.52	1.65	9.12	115	72.0E	27.5	1
2	55.5	15.9	32.8	22.0	10.4	3.08	14.6	1.65	6.93	80.8	50.0E	23.6	2
3	63.0	15.8	40.2	19.3	9.48	4.10	10.7	1.63	5.51	48.6	59.0E	51.0	3
4	64.1	17.6	42.5	15.1	8.91	4.37	7.21	1.56	4.39	38.1	54.0E	77.8	4
5	132	27.6	43.8	12.8	22.3	4.01	5.58	1.58	3.78	25.8	50.0E	76.3	5
6	156	36.5	58.4	11.2	82.1	3.74	4.59	1.61	3.63	19.1	47.0E	158	6
7	176	24.9	44.7	10.1	41.4	3.44	4.07	1.80	3.16	45.4	61.2A	---	7
8	179	19.2	30.3	9.12	23.9	3.29	3.70	2.55	2.83	84.8	49.9	---	8
9	109	21.2	29.0	8.29	17.4	4.17	3.33	3.26	2.60	83.4	46.4	135	9
10	70.0	33.5	33.3	7.69	14.2	4.06	3.33	3.22	2.39	44.9	37.9	79.1	10
11	48.7	23.5	27.5	8.39	11.8	3.58	3.90	2.81	2.29	40.5	30.5	55.4	11
12	41.1	17.7	24.3	9.00	10.3	3.31	3.63	2.45	2.22	115	55.7	53.5	12
13	49.6	15.5B	99.8	10.2	9.67	3.10	3.27	2.36	2.14	106	92.1	85.5	13
14	37.6	14.0B	80.7	11.2	8.77	2.91	3.01	2.54	1.89	66.7	55.5	109	14
15	39.1	11.7B	61.7	10.4	7.67	2.86	2.84	4.14	1.80	43.5	50.8	54.7	15
16	33.6	11.0B	85.3	9.68	6.86	2.86	2.74	5.22	1.84	38.7	105	51.6	16
17	26.0	10.7B	64.0	10.2	6.25	2.87	3.02	4.57	1.98	63.9	73.1	145	17
18	21.9	10.0B	52.9	10.2	5.80	2.83	2.93	4.01	3.38	114	60.5	70.7	18
19	21.7	10.3	44.4	12.5	5.41	2.97	2.61	3.47	5.13	58.5	75.2	42.6	19
20	29.0	36.6	42.9	15.5	5.13	3.23	2.39	3.22	3.89	43.5	45.8	33.9	20
21	79.1	38.0	37.4	30.4	4.79	3.18	2.27	2.76	3.40	77.1	37.3	28.0	21
22	95.6	37.5	31.0	23.6	4.44	3.53	2.18	2.51	3.31	61.4	64.1	24.3	22
23	58.4	34.2	24.2	19.2	4.32	3.32	2.00	2.33	3.07	104 A	46.1	21.4	23
24	52.8	48.9	19.7	17.5	4.05	3.52	1.91	2.16	3.21	200 E	32.6	22.1	24
25	64.7	52.7	18.3	31.0	3.86	3.37	1.95	2.03	3.38	130 E	25.6	26.7	25
26	49.0	34.3	18.1	47.2	3.70	3.88	1.92	1.87	3.50	89.0E	25.0	39.9	26
27	36.1	25.2	17.8	37.9	3.52	8.73	1.90	1.84	3.17	118 E	31.2	49.7	27
28	33.3	23.3	18.7	23.9	3.52	27.0	1.73	1.86	24.3 E	80.0E	55.0	29.3	28
29	26.2		18.8	16.3	3.51	15.0	1.62	1.97	42.2 A	63.0E	49.1	25.0	29
30	25.2		19.0	12.6	3.43	9.56	1.55	10.6	29.9	80.0E	34.7	50.5	30
31	18.2		17.0		3.28		1.60	25.3		100 E		34.1	31
TOTAL	1 961.5	684.1	1 203.1	499.37	361.47	148.93	115.60	118.53	190.34	2 378.7	1 572.3	---	TOTA
MEAN	63.3	24.4	38.8	16.6	11.7	4.96	3.73	3.82	6.34	76.7	52.4	---	MEAN
MAX	179	52.7	99.8	47.2	82.1	27.0	14.6	25.3	42.2	200	105	---	MAX
MIN	18.2	10.0	17.0	7.69	3.28	2.83	1.55	1.56	1.80	19.1	25.0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 1.55 ON JUL 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 50 N
LONG 132 12 35 W
DRAINAGE AREA, 477 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	169 000	JUL	9 990
FEB	59 100	AUG	10 200
MAR	104 000	SEP	16 400
APR	43 100	OCT	206 000
MAY	31 200	NOV	136 000
JUN	12 900	DEC	---

YALAKOM RIVER ABOVE ORE CREEK - STATION NO. 08ME025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.16B	1.32B	1.98	2.92	15.4	14.0	10.1	5.80E	3.48	2.78	2.60B	1
2	1.60B	1.31B	1.34B	2.12	3.34	16.6	13.1	9.26	5.60E	3.34	2.54	2.65B	2
3	1.80B	1.41B	1.32B	2.07	3.91	16.9	12.1	9.13	5.40E	3.49	2.62	2.70B	3
4	1.80B	1.35B	1.34B	2.09	4.68	15.2	11.3	9.46	5.10E	3.30	2.65	2.79	4
5	1.80B	1.43B	1.36B	2.16	5.69	12.8	11.9	8.63	4.95E	4.77	2.63	2.59	5
6	1.70B	1.35B	1.35B	2.27	6.48	11.9	21.6	8.44	4.88E	4.01	2.38	2.52	6
7	1.70B	1.25B	1.34B	2.27	5.65	12.0	35.6	7.99	4.74E	3.65	2.66	2.42	7
8	1.70B	1.37B	1.33B	2.32	5.12	11.1	29.5	7.50	4.30E	3.54	2.58	2.40	8
9	1.70B	1.39B	1.35B	2.25	4.83	10.8	25.8	7.46	4.05E	3.46	2.64	2.53	9
10	1.30B	1.40B	1.32B	2.25	4.95	11.4	23.2	7.42	3.80E	3.32	2.68	2.41	10
11	1.17B	1.33B	1.30B	2.23	5.10	10.9	22.6	7.39	3.60E	3.05	3.68	2.36	11
12	1.22B	1.28B	1.32B	2.22	5.15	10.5	23.7	7.75	3.55E	3.09	4.16	2.23	12
13	1.28B	1.20B	1.63	2.30	5.35	10.5	21.8	7.82	3.50E	2.98	4.82	2.12	13
14	1.30B	1.08B	1.66	2.33	5.18	11.6	19.1	7.79	3.40E	2.82	3.81	2.17	14
15	1.31B	1.14B	1.56	2.50	5.09	14.7	17.1	7.08	3.80E	2.83	3.51	2.22	15
16	1.15B	1.06B	1.61	2.64	5.34	16.9	16.3	6.55	5.10E	2.62	3.45	2.15B	16
17	1.11B	1.00B	1.64	2.92	5.73	17.1	14.2	6.32	4.90E	2.53	3.47	2.09B	17
18	1.13B	1.10B	1.74	3.04	6.32	20.6	12.8	6.59	4.80E	2.58	3.74	1.98B	18
19	1.18B	1.18B	1.70	2.93	7.07	23.6	12.1	6.68	4.64A	1.83	2.96	1.90B	19
20	1.27B	1.25B	1.66	3.14	7.68	24.2	11.6	6.31	4.19	1.75	2.77	1.86B	20
21	1.34B	1.35B	1.60	3.14	7.33	22.9	11.1	6.13	4.11	2.63	2.46	1.81B	21
22	1.43B	1.28B	1.50	3.21	7.12	27.9	11.1	6.81	4.00	2.15	2.85	1.85B	22
23	1.49B	1.24B	1.40	3.17	7.05	31.0	12.7	6.53	4.07	1.90	3.24	2.00B	23
24	1.42B	1.36B	1.31	3.16	7.09	24.3	13.4	6.00	3.97	2.81	3.03	1.98B	24
25	1.71B	1.47B	1.59	2.97	7.38	20.7	12.6	5.74	3.85	4.65	2.66	2.10B	25
26	1.60B	1.42B	1.64	2.94	8.12	18.4	12.9	5.30	3.79	3.38	2.22	2.15B	26
27	1.58B	1.43B	1.70	2.91	9.25	15.8	12.2	4.99	3.64	3.44	3.00B	2.00B	27
28	1.57B	1.37B	1.65	2.87	12.3	15.3	10.9	4.83	3.59	1.67	3.05B	1.85B	28
29	1.62B		1.70	2.92	15.3	14.8	10.2	5.10A	3.53	1.73	2.82B	1.92B	29
30	1.55B		1.83	2.75	15.3	14.5	10.1	5.40E	3.57	2.52	2.49B	2.13B	30
31	1.03B		1.91		16.2		10.6	5.60E		2.91		2.20B	31
TOTAL	45.26	35.96	47.02	77.97	219.22	500.3	497.2	218.10	128.30	94.21	89.15	68.68	TOTAL
MEAN	1.46	1.28	1.52	2.60	7.07	16.7	16.0	7.04	4.28	3.04	2.97	2.22	MEAN
MAX	1.80	1.47	1.91	3.21	16.3	31.0	35.6	10.1	5.80	5.30	4.82	2.79	MAX
MIN	1.03	1.00	1.30	1.98	2.92	10.5	10.1	4.83	3.40	1.67	2.22	1.81	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.54
MAXIMUM DAILY, 35.6 ON JUL 07
MINIMUM DAILY, 1.00B ON FEB 17
MAXIMUM INSTANTANEOUS,
38.5 AT 03:55 PST ON JUL 07

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 45 N
LONG 122 14 14 W
DRAINAGE AREA, 575 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 910	JUL	43 000
FEB	3 110	AUG	18 800
MAR	4 060	SEP	11 100
APR	6 740	OCT	8 140
MAY	18 900	NOV	7 700
JUN	43 200	DEC	5 930

TOTAL DISCHARGE, 175 000 dam³

ZEBALLOS RIVER NEAR ZEBALLOS - STATION NO. 08HE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.7	12.0	16.9	18.9	16.2	11.8	18.5	5.36	5.66	17.7	23.0	25.2	1
2	17.8	91.4	17.7	20.4	18.0	13.5	12.5	5.22	5.33	12.7	18.3	20.1	2
3	20.9	79.7	20.1	15.7	16.8	30.3	11.9	5.00	4.80	60.9	34.7		3
4	29.8	27.8	20.5	13.9	17.8	22.6	9.76	5.08	4.59	81.9	27.7	478	4
5	128	26.2	22.6	13.4	18.7	15.6	9.96	5.08	4.31	18.8	20.4	170	5
												57.5	
6	73.9	19.0	26.4	13.4	19.4	13.8	15.7	4.98	4.20	10.8	22.6	40.6	6
7	110	15.0	16.7	14.3	15.8	20.4	12.2	5.00	3.90	8.23	39.9	33.7	7
8	54.0	13.1	13.5	14.2	13.5	21.1	10.0	4.94	3.83	9.92	26.8	85.0	8
9	49.1	20.6	15.5	12.3	13.4	17.0	9.29	4.70	3.82	65.5	54.9	34.3	9
10	30.0	61.2	16.3	12.4	13.2	29.7	8.68	4.48	3.86	22.2	69.4	23.5	10
11	21.5	46.1	12.9	21.5	12.9	26.8	8.40	4.39	3.70	26.5	625	18.4	11
12	32.7	21.6	12.1	19.0	12.2	17.3	8.46	4.52	3.76	40.7	347	15.9	12
13	31.6	15.4	14.2	17.7	12.6	14.4	8.05	4.54	3.92	24.8	105	14.2	13
14	22.4	13.6	19.9	16.8	11.9	13.8	7.58	4.54	3.99	15.4	60.1	22.0	14
15	19.2	11.9	15.3	18.5	11.7	13.4	7.31	4.82	3.74	12.3	56.3	21.1	15
16	18.4	10.8	16.5	22.4	10.6	12.2	7.23	16.7	3.76	10.5	210	16.1	16
17	15.7	10.0	35.4	40.0	10.2	11.4	6.84	10.7	3.85	22.2	37.6	42.7	17
18	13.8	9.64	39.9	21.5	9.83	10.8	6.40	8.71	4.27	53.9	32.7	29.7	18
19	12.7	9.26	25.7	20.4	9.69	11.1	6.00	6.12	4.40	19.0	29.7	17.9	19
20	11.6	11.8	30.9	18.7	10.5	10.9	6.01	5.56	4.21	17.9	22.8	13.8	20
21	14.4	12.7	26.9	18.5	10.9	10.7	6.15	5.29	4.11	54.1	27.7	11.7	21
22	27.8	12.6	22.0	23.7	13.8	11.0	6.26	4.91	3.84	23.0	74.8	10.7	22
23	20.1	18.6	18.7	19.7	12.3	10.2	6.01	4.69	3.80	89.8	483	10.0	23
24	37.0	30.1	16.5	16.2	10.9	9.45	5.98	4.62	3.84	230	93.2	9.40	24
25	77.3	23.5	14.4	23.0	10.1	9.36	5.79	4.39	3.54	149	41.1	9.27	25
26	25.3	16.3	13.6	21.4	10.2	9.02	5.61	4.26	3.73	55.0	26.1	9.63	26
27	19.6	15.3	14.1	20.6	12.9	8.74	5.54	4.17	3.74	174	19.6	11.9	27
28	24.0	17.3	16.0	17.7	13.8	9.82	5.40	4.12	3.62	64.1	92.4	9.48	28
29	21.1		17.6	14.3	12.1	13.6	5.44	4.05	3.85	54.5	126	8.36	29
30	14.6		18.6	13.2	12.0	20.0	5.44	5.17	3.94	59.3	36.9	8.07	30
31	12.5		18.5		12.4		5.40	7.40		33.7		14.2	31
TOTAL	1 039.5	672.50	605.9	553.7	406.32	449.79	253.79	173.51	121.91	1 537.35	2 904.7	1 292.41	TOTAL
MEAN	33.5	24.0	19.5	18.5	13.1	15.0	8.19	5.60	4.06	49.6	96.8	41.7	MEAN
MAX	128	91.4	39.9	40.0	19.4	30.3	18.5	16.7	5.66	230	625	478	MAX
MIN	11.6	9.26	12.1	12.3	9.69	8.74	5.40	4.05	3.54	8.23	18.3	8.07	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.4
MAXIMUM DAILY, 625 ON NOV 11
MINIMUM DAILY, 3.54 ON SEP 25
MAXIMUM INSTANTANEOUS,
871 AT 13:35 PST ON NOV 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 52 N
LONG 126 50 33 W
DRAINAGE AREA, 181 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	89 800	JUL	21 900
FEB	58 100	AUG	15 000
MAR	52 300	SEP	10 500
APR	47 800	OCT	133 000
MAY	35 100	NOV	251 000
JUN	38 900	DEC	112 000

TOTAL DISCHARGE, 865 000 dam³

ZYMAGOTITZ RIVER NEAR TERRACE - STATION NO. 08EG011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.4	4.00B	4.38B	15.2	22.5	66.0	78.6	27.0	15.9	22.9 E	12.4	5.00B	1
2	18.0	3.90B	4.45B	15.7	24.9	63.3	53.2	19.6	12.8	23.5 E	10.9	5.05B	2
3	16.7	3.80B	4.58B	16.0A	31.5	77.2	45.9	23.1	11.6	16.0 E	12.5	5.40B	3
4	16.0	3.70B	4.75B	15.9E	38.5	62.1	47.6	27.8	12.8	11.0 E	13.7	6.40B	4
5	17.7	3.80B	5.40B	15.0E	43.7	48.5	52.7	30.6	14.6	7.40E	12.1	10.0 B	5
6	17.3	4.00B	6.30B	14.0E	39.7	45.1	56.0	31.6	13.2	5.90E	10.7	16.0 B	6
7	18.5	4.00B	5.65B	13.5E	30.2	48.5	55.8	27.1	15.3	25.0 E	10.5	25.0 B	7
8	16.6	4.00B	5.40B	13.0E	29.0	47.5	52.2	25.2	14.1	61.0 E	10.2	24.3	8
9	17.4	4.00B	5.15B	13.1E	31.1	49.3	46.3	33.3	12.1	40.0 E	9.23	14.9	9
10	14.4	4.00B	4.95B	12.9E	34.7	48.7	58.8	35.3	11.1	21.0 E	8.28	11.0	10
11	12.4	3.95B	4.85B	12.8E	39.7	51.1	49.4	41.1	10.4	18.0 E	7.69	8.99	11
12	11.6	3.90B	4.75B	12.6E	37.7	49.5	44.1	43.5	11.2	16.0 E	7.95	8.03	12
13	10.8	3.80B	5.30B	13.0E	37.1	56.7	39.3	40.3	10.8	29.0 E	9.16	7.47	13
14	8.84	3.70B	6.80B	14.5E	41.2	69.0	31.1	29.5	11.8	20.0 E	7.87	7.14	14
15	8.54	3.65B	9.00B	17.5E	45.7	68.1	32.6	27.1	14.5	17.0 E	7.52	6.53	15
16	7.37	3.60B	10.4 B	24.0E	41.9	54.1	31.1	24.6	12.2	14.8 E	8.47	6.19	16
17	7.20B	3.65B	9.70B	29.0E	40.0	45.8	25.9	24.6	9.02	14.0 E	8.10	5.80B	17
18	6.83B	3.78B	8.50B	27.2E	42.1	41.1	25.3	24.5	12.4 A	15.1 E	8.25	5.60B	18
19	6.48B	3.88B	7.60B	26.9E	39.3	45.5	32.5	23.7	8.85	13.0 E	8.67	5.35B	19
20	6.27B	3.90B	7.00B	24.5E	40.9	51.1	35.6	27.9	10.2	12.0 E	7.47	5.15B	20
21	6.00B	3.93B	6.60B	23.6E	59.2	72.0	38.4	27.8	16.3	20.5 E	6.95	4.95B	21
22	5.80B	4.00B	6.40B	23.0E	44.5	76.4	41.3	21.0	14.6	19.5 E	6.73	4.60B	22
23	5.53B	4.02B	6.50B	22.8A	37.4	60.6	43.5	16.5	20.1	25.0 E	6.21	4.40B	23
24	5.36B	4.18B	6.80B	22.0A	37.5	42.6	45.4	14.7	21.7	26.3 A	6.00B	4.28B	24
25	5.06B	4.38B	7.15B	21.2E	41.1	41.4	43.1	12.9	22.1 E	23.1	5.80B	4.20B	25
26	4.90B	4.28B	8.00B	21.1E	49.1	49.6	34.5	12.6	14.0 E	18.7	5.60B	4.17B	26
27	4.75B	4.21B	9.10B	21.9A	65.8	43.8	27.2	13.1	7.25E	32.1	5.40B	4.05B	27
28	4.50B	4.21B	10.0 B	21.0	88.2	52.2	26.5	15.0	30.8 E	18.0	5.25B	3.92B	28
29	4.23B		11.7 A	20.9	79.8	54.5	32.2	19.0	26.0 E	15.0	5.10B	3.81B	29
30	4.04B		14.6	22.2	67.6	69.7	38.2	24.4	22.0 E	17.7	5.05B	3.71B	30
31	4.02B		14.7		66.9		38.0	22.3		15.2		3.68B	31
TOTAL	314.52	110.22	226.46	566.0	1 371.0	1 651.0	1 302.1	786.7	439.72	665.70	249.77	235.07	TOTAL
MEAN	10.1	3.94	7.31	18.9	44.2	55.0	42.0	25.4	14.7	21.5	8.33	7.58	MEAN
MAX	21.4	4.38	14.7	29.0	88.2	77.2	78.6	43.5	30.8	61.0	13.7	25.0	MAX
MIN	4.02	3.60	4.38	12.6	22.5	41.1	25.3	12.6	7.25	5.90	5.05	3.68	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.7
MAXIMUM DAILY, 88.2 ON MAY 28
MINIMUM DAILY, 3.60B ON FEB 16
MAXIMUM INSTANTANEOUS,
93.5 AT 11:45 PST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 07 N
LONG 128 43 40 W
DRAINAGE AREA, 376 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 200	JUL	113 000
FEB	9 520	AUG	68 000
MAR	19 600	SEP	38 000
APR	48 900	OCT	57 500
MAY	118 000	NOV	21 600
JUN	143 000	DEC	20 300

TOTAL DISCHARGE, 685 000 dam³

ZYMOETZ RIVER ABOVE O.K. CREEK - STATION NO. 08EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	98.2	21.5B	21.1	45.3	96.2	404	399	176	80.2	50.5	47.0	23.1B	1
2	84.3	21.1B	21.4	51.8	115	405	336	135	64.1	53.5	41.9	23.1B	2
3	78.2	21.0B	22.0	51.7	148	476	272	119	56.4	44.0	40.4	23.8B	3
4	70.8	20.8B	22.4	49.7	196	454	257	129	54.4	39.1	41.7	25.5B	4
5	73.5	20.4B	23.0	49.9	241	358	272	127	64.1	36.1	39.8	35.3B	5
6	83.0	20.2B	23.8	49.2	262	304	285	139	62.7	33.3	36.6	48.0B	6
7	86.3	19.9B	24.1	50.1	197	309	296	124	66.9	34.2	38.7	75.5B	7
8	84.9	19.5B	24.4	50.4	173	300	300	107	71.3	33.0	39.3A	108 B	8
9	76.2	19.1B	23.4	47.6	176	290	271	125	67.6	151	37.6	84.0B	9
10	66.6	18.9B	23.1	45.3	198	285	265	152	65.4	96.9	35.1	56.0B	10
11	58.4	18.5B	22.5	43.0	213	289	266	173	59.4	66.2	33.7	32.5B	11
12	51.9	18.3B	22.5	41.5	223	291	252	187	60.5	57.8	33.6	29.9B	12
13	49.1	18.1B	22.0	44.3	210	280	225	192	59.4	57.3	34.8	28.0B	13
14	45.0	17.9B	22.1	53.4	221	327	191	180	57.8	47.8	35.7	26.7B	14
15	45.1	17.8B	23.2	65.3	245	366	176	154	66.0	41.5	34.0	25.9B	15
16	40.2	17.5B	25.3	80.0	249	320	184	133	72.9	38.2	41.2	25.0B	16
17	35.0	17.5B	27.5	95.7	248	275	160	128	62.7	35.5	41.2	24.1B	17
18	33.9B	17.5B	29.2	111	256	252	140	123	52.8	36.4	39.1	22.9B	18
19	32.0B	17.5B	33.0	114	251	278	155	120	51.1	35.4	40.2	21.3B	19
20	30.8B	17.6B	37.8	121	257	319	168	127	45.1	33.7	38.6	19.5B	20
21	30.0B	17.7B	40.9	115	330	342	173	135	61.3	35.7	35.7	18.3B	21
22	28.9B	17.9B	38.4	115	289	392	162	128	63.4	38.4	33.8	17.7B	22
23	28.0B	18.0B	34.6	108	247	355	197	99.8	72.3	41.7	32.2	17.0B	23
24	27.2B	18.2B	33.2	100	249	264	212	85.5	81.4	178	28.8	16.8B	24
25	26.7B	18.4B	31.1	95.7	258	240	222	71.7	79.2	133	24.4	16.5B	25
26	26.0B	19.0B	29.5	95.2	273	258	217	63.1	58.0	88.9	23.2B	16.3B	26
27	25.1B	19.5B	28.9	93.4	367	238	177	61.8	46.0	86.2	22.8B	16.0B	27
28	24.9B	20.0B	28.1	86.5	521	250	157	62.8	59.5	80.0	24.0B	15.8B	28
29	24.0B		30.4	82.5	497	270	156	72.9	68.8	66.3	23.7B	15.7B	29
30	23.0B		35.4	87.6	448	317	173	78.2	52.5	57.6	23.0B	15.6B	30
31	22.0B		42.0		424		191	83.5		53.4		15.5B	31
TOTAL	1 509.2	529.3	866.3	2 239.1	8 078.2	9 508	6 927	3 792.3	1 885.2	1 920.6	1 041.8	939.3	TOTAL
MEAN	48.7	18.9	27.9	74.6	261	317	223	122	62.8	62.0	34.7	30.3	MEAN
MAX	98.2	21.5	42.0	121	521	476	399	192	81.4	178	47.0	108	MAX
MIN	22.0	17.5	21.1	41.5	96.2	238	140	61.8	45.1	33.3	22.8	15.5	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 107
MAXIMUM DAILY, 521 ON MAY 28
MINIMUM DAILY, 15.5B ON DEC 31
MAXIMUM INSTANTANEOUS,
543 AT 01:17 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 29 00 N
LONG 128 19 50 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	130 000	JUL	598 000
FEB	45 700	AUG	328 000
MAR	74 800	SEP	163 000
APR	193 000	OCT	166 000
MAY	698 000	NOV	90 000
JUN	821 000	DEC	81 200

TOTAL DISCHARGE, 3 390 000 dam³

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